Effective January 2009

INSTALLATION & OPERATING INSTRUCTIONS

SAI Global
Approval No. GSCS20025

Australian Patent
PN 200110001S

Serial Number: _____ B.D. Number: _____

Archer Gas Log Fire

Model: IS700/IS007

PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Aurora

CLIMATE SYSTEMS
A.B.N. 43 108 083 987

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TO THE NEW OWNER

Congratulations! You are the owner of a state of the art Archer High Efficiency Gas Log Space Heater.

This appliance has been designed to provide you with all the warmth and charm of a wood fire at the flick of a switch. The Archer Gas Log Space Heater promises to provide you with the highest economy, heat output, comfort and security.

NOTE: AURORA WARRANTY PROGRAM
Please note to qualify for the Aurora Warranty Program, you need to fill out the warranty registration form, and have your qualified installer fill out the Installation Commissioning Report. Both documents must be returned promptly to Aurora Climate Systems.

Under new government legislation, you also need to obtain from your qualified installer, a Certificate of Compliance for the guarantee of the installation.

Please note, that Aurora Climate Systems will not accept responsibility for faults with the appliance caused through installation faults. We therefore strongly recommend that you return to Aurora Climate Systems the Installation Commissioning Report and obtain a Certificate of Compliance from your qualified installer for your protection. Failure to do so can void your warranty.

Please take a moment now to acquaint yourself with the instructions and many features of your Archer High Efficiency Gas Log Space Heater.

Warranty - Installation - Service

(Listing and Code Approvals)
This appliance has been tested in accordance with SAI Global to code AS4553 Test Approval No. GSCS20025, and has been certified to the Electrical AS3100 standard.

Check with your local council's building department to ensure compliance with local codes, including the need for permits and follow up inspections. Or if you wish clarification of the instructions contained in this manual, please contact Aurora Climate Systems on telephone (03) 9795 8895 or facsimile (03) 9701 2088.

Note: As the Archer Gas Log Space Heater you have purchased is a high tech, high efficiency appliance, **we wish to advise that your appliance should at all times only be installed by a licensed Gas Fitter / Installer for the installation and service of the Archer Gas Log Space Heater.**

At no time should this appliance be installed outside the installation guide lines contained in the Installation Manual, or by a non qualified gas fitter / installer. To do so will void the warranty.

It is policy of Aurora Climate Systems that should a fault develop in the Archer Gas Log Space Heater during its warranty period, Aurora will repair the appliance in these circumstances. However we wish to advise that should the Archer Gas Log Space Heater develop a fault in its operation because the product was not installed in accordance with the manufacturer's guidelines and instructions, or if the product was not installed correctly by a licensed gas fitter / installer or lack of operating knowledge of the appliance by the customer causing appliance failure, then a service charge will apply.

In such cases, where attendance is required by Aurora Service Personnel to correct faults in the product which are not directly related to the product and / or parts failure but are the result of improper installation and lack of operating knowledge of the appliance, Aurora Climate Systems will charge the purchaser of the appliance and the installer / service agent a fee calculated on the basis of $80.00 + GST per hour minimum, as well as travelling expenses in excess of 25 km each way to rectify such faults.

Note: The Complete Unit Warranty, inclusions, exclusions, terms and conditions are listed on pages 37 to 39 of this manual.

PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

! △ IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE INJURY OR PROPERTY DAMAGE. REFER TO THIS MANUAL FOR ASSISTANCE OR ADDITIONAL INFORMATION, CONTACT AURORA CLMATE SYSTEMS.
TELEPHONE NUMBER (03) 9795 8895

THIS APPLIANCE MUST BE INSTALLED OR SERVICED ONLY BY A LICENCED GAS FITTER FOR THE INSTALLATION AND/OR SERVICE OF THE ARCHER GAS LOG SPACE HEATER.

Note: If this appliance is installed by a licensed gas fitter who is not familiar on the installation of the heater, we recommend that prior to installing the appliance the installer contact Aurora to obtain further advice on the installation of the product.

FOR YOUR SAFETY

What to do if you smell gas?

1) Open Windows
2) Turn off main gas supply
3) Do not touch any electrical switches
4) Extinguish any open flames
5) Immediately call your gas supplier or installer

Do not store or use gasoline or other flammable vapours and liquids in the vicinity of this or any other appliance

SAFETY LABELS

Model - Archer	O	O	Manufactured by
Gas Type Model Type Gas Consumption Manifold Pressure Injector Size - Front - Rear SAI Global Approval No to Code AS4553	Natural IS700 O 31MjHr 0.7Kpa 2.15mm 2.15mm GSCS20025	LPG IS700 O 28MjHr 1.4Kpa 1.3mm 1.3mm GSCS20025	Aurora Climate Systems A.B.N. 43 108 083 987 71 - 73 Overseas Drive Noble Park VIC 3174 To be installed by an authorised person in accordance with installation instructions provided with appliance.
Electrical conforms to AS3100 240V 50 Hz 80 Watts Max			
Serial No:		Date of Manufacture:	

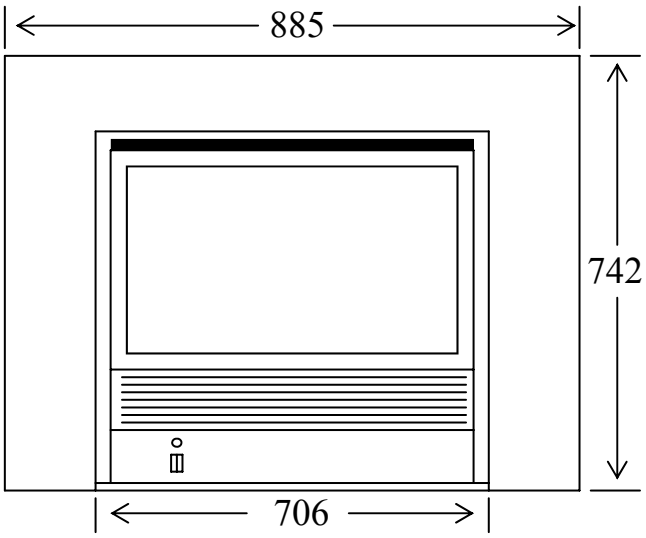
Air Pressure switch	Cleveland Controls / RSS-6000-101
Cut in Pressure	65 Pa
Cut out Pressure	50 Pa
Electrical Connection	2 Mtr flex standard 3 Pin Plug

Note: In case of power cord damage, replace only with Archer special cord set, obtainable from your Archer Dealer or direct from Aurora Climate Systems.

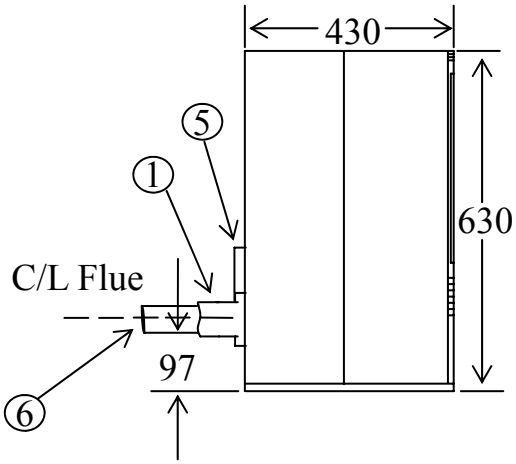
DO NOT	OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTION BOOKLET
DO NOT	PLACE ARTICLES ON OR AGAINST THIS APPLIANCE
DO NOT	STORE CHEMICALS OR FLAMMABLE MATERIALS OR SPRAY AEROSOLS NEAR THIS APPLIANCE
DO NOT	OPERATE WITH PANELS, COVERS OR GUARDS REMOVED FROM THIS APPLIANCE
DO NOT	ENCLOSE THIS APPLIANCE

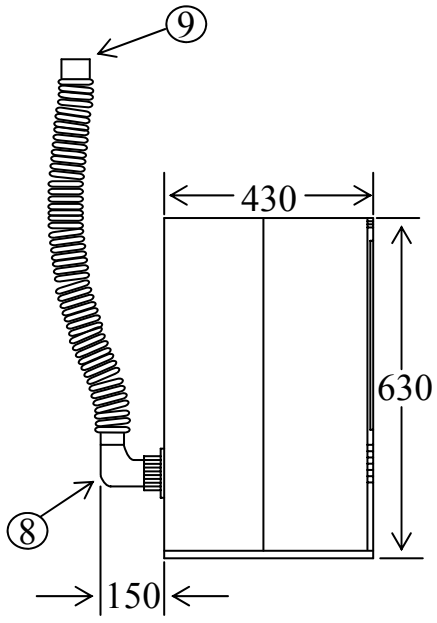
THE GUARD IS FITTED TO THIS APPLIANCE TO REDUCE THE RISK OF FIRE OR INJURY FROM BURNS AND NO PART OF IT SHOULD BE PERMANENTLY REMOVED
FOR PROTECTION OF YOUNG CHILDREN OR THE INFIRM, A SECONDARY GUARD IS REQUIRED

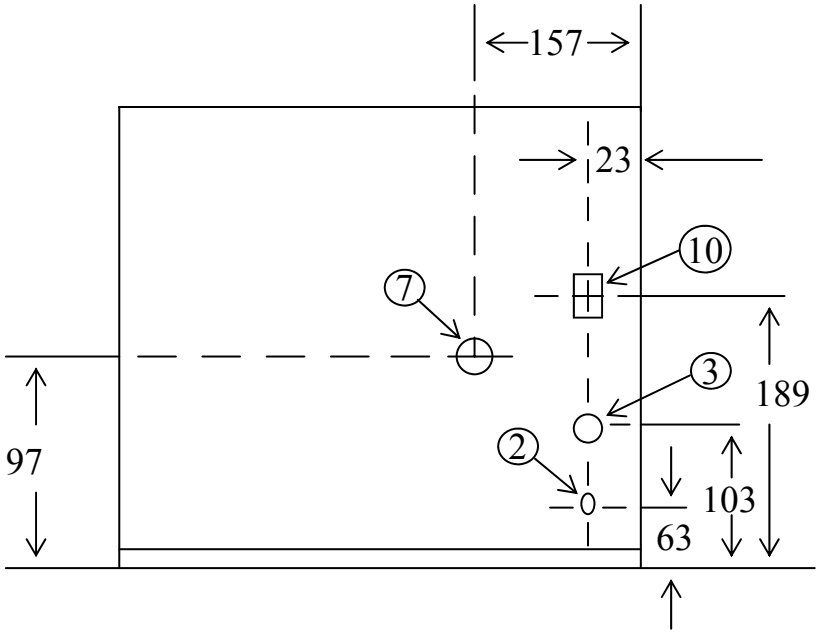
SPECIFICATIONS - MODEL NO. IS700



1 Co-Axial Manifold Flue Starter 65mm
2 Electric Cord
3 1/2” BSP Gas Connection (Inside)
4 3 sided Surround (885 x 742)
5 Air Inlet Cover Plate
6 PVC Exhaust Pipe 40mm
7 Flue Exit Point (centre line)
8 Single Flue Adaptor
9 Single Flexi Flue (suit 40mm pipe)
10 Air Inlet







INSTALLATION INSTRUCTIONS

GENERAL SAFETY INFORMATION

1. This installation must conform with local codes or, in the absence of local codes, with AG 601.

2. Provide adequate clearances around the product for servicing and ensure there are no obstructions to the combustion air intake situated at the back of the heater. (Refer Page 5 item 10 and page 7)

3. The appliance must be installed on a flat, solid continuous surface (ie. wood, metal, concrete). Please Note: Rough or uneven surfaces can cause vibration or humming in the heater.

4. The Archer Gas Log Space Heater can be installed in a wide variety of ways and will fit nearly any room layout. It may be installed in a recessed position, framed out into the room, or across a corner. For installation options refer pages 13 through to 20.

5. This appliance (Insert and Freestanding Console Models) needs to be installed in such a way that the heater can be removed at all times to service the heat exchanger and flue fan located in the rear section of the heater.

Note: Under no circumstances should the appliance be installed under conditions, which would not allow for easy removal of the appliance to carry out routine inspection and service to the appliance, to do so will void the warranty.

Note: On Single Wall flue pipe installations (imitation zero clearance fireplace) a minimum of 25mm clearance must be provided at the rear of the heater to enable the heater to get sufficient combustion air to the air inlet located at the rear of heater. (Refer page 5 item10)

Note: Where a mantel surround is being used on insert installations and imitation zero clearance fireplace installations, the combustion air intake slot located in the top mantel surround must have no obstructions to allow combustion air to enter through the slot to the combustion air inlet located at the back of the heater.

IN CASES WHERE THE INSTALLATION OF THE HEATER IS NOT IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND THE APPLIANCE CAN NOT BE REMOVED FOR SERVICING IN SUCH CASES WHERE SERVICE PERSONAL HAVE TO SPEND TIME TO REMOVE THE HEATER OR CORRECT THE INSTALLATION A SERVICE CHARGE WILL BE APPLICABLE TO THE CUSTOMER OF LABOUR AT $80 PER HOUR PLUS GST PLUS TRAVELING EXPENSES.

THIS APPLIANCE SHOULD BE INSTALLED BY A QUALIFIED LICENSED GAS FITTER.

DUE TO HIGH TEMPERATURES, THE APPLIANCE SHOULD BE LOCATED OUT OF TRAFFIC AND AWAY FROM FURNITURE AND DRAPERIES.

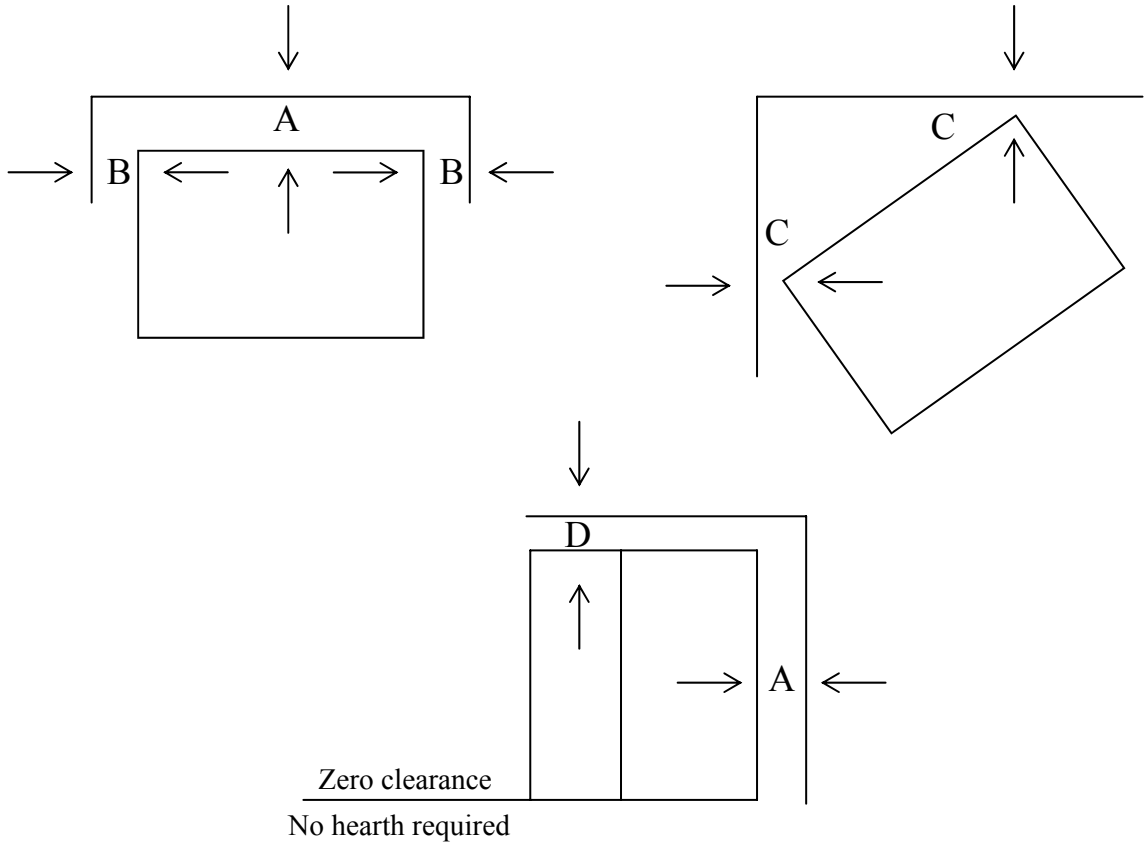
THIS APPLIANCE CAN ONLY BE FLUED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AS TESTED TO AGA CODE 601.

FAILURE TO INSTALL THIS APPLIANCE CORRECTLY MAY CAUSE A SERIOUS HOUSE FIRE.

INSTALLATION INSTRUCTIONS

CLEARANCE TO COMBUSTIBLES

Insert Model IS700



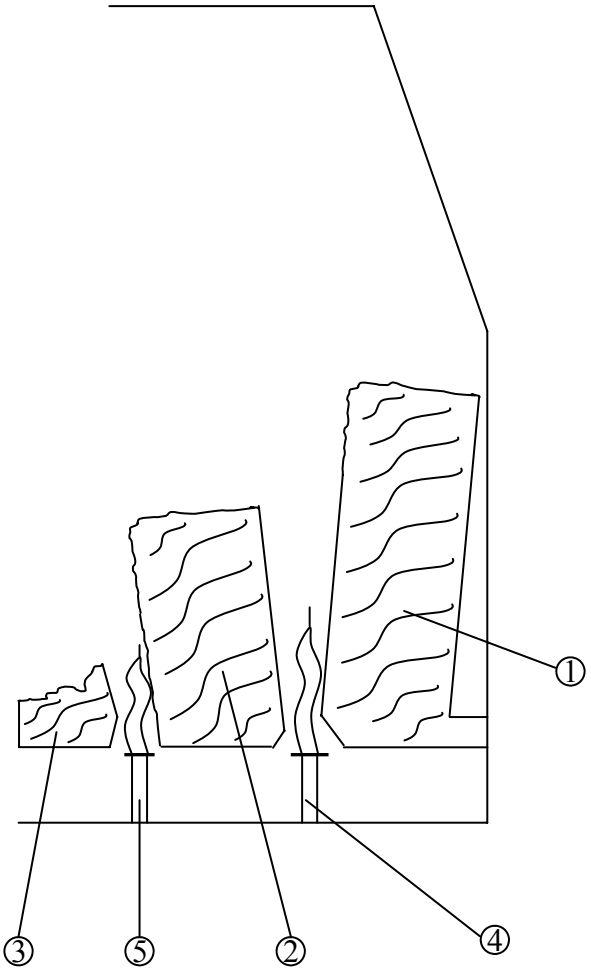
A	Rear Wall to Unit	25mm
B	Side Wall to Unit	15mm
C	Corner Installation	0mm
D	Height Clearance From Unit	15mm

Note: The Archer Gas Log Space Heater has been tested and approved for zero clearance to combustible materials. Aurora Climate Systems recommends that clearances as listed above should be maintained to allow for removal of the product for servicing.

INSTALLATION INSTRUCTIONS

(Side view main logs and burners)

1. Rear Log
2. Middle Log
3. Front Log
4. Rear Burner
5. Front Burner



NOTE: Do not change position of front, middle and rear logs as their positions have been present at the factory.
Changing log positions will result in faulty gas burner function or sooting up.

INSTALLATION INSTRUCTIONS

LOG INSTALLATION - MODEL IS 700

The gas log set (front log, middle log, rear log, left hand side log and right hand side) is pre-set and installed in the factory. Only the left and right hand cross logs are packaged separately inside the firebox for installation by the installer.

1. To access the right and left hand cross logs:
   Remove bottom grill. See illustration below.

Note: Please ensure the rear log is sitting hard up against the rear of the firebox at the base and at the top.

2. Remove main door. The main door is locked in position with 4 Phillips Head screws - two screws at the top and two screws at the bottom. Remove screws to access cross logs which are located inside the firebox. See photo below.

INSTALLATION INSTRUCTIONS

3. Remove all cardboard protection from inside the firebox and the two cross logs.

   Note: All other logs in the firebox have been preset in the factory and their location should not be changed. Check that logs have not been damaged in transit and the rear log is hard up against the rear of the firebox at the base and at the top.

4. Carefully remove wrapping from right and left hand cross log.

WARNING ⚠ Front and rear burner inspection

5. Prior to positioning of right and left hand cross logs inspect front and rear burner for particle or dust placement on top of burners. If any particles or dust is visible on top of the front and rear burners remove particles before placing logs into position.

   Note: Ceramic logs are fragile and so to are the hot surface igniters underneath them and need to be handled with care at all times.

6. Position left hand cross log No (5) in position as shown in diagram on page 11.

7. Position right hand cross log No (7) in position as shown in diagram on page 11.

8. After right and left hand cross logs have been placed into position as shown in diagram on page 16 and log and burner safety check has been carried out re-install main door into position. Lock door into place with top and bottom Phillips Head screws.

   Note: When re-fitting the door to the firebox ensure that tension on all four screws is equal to ensure even seal on firebox.

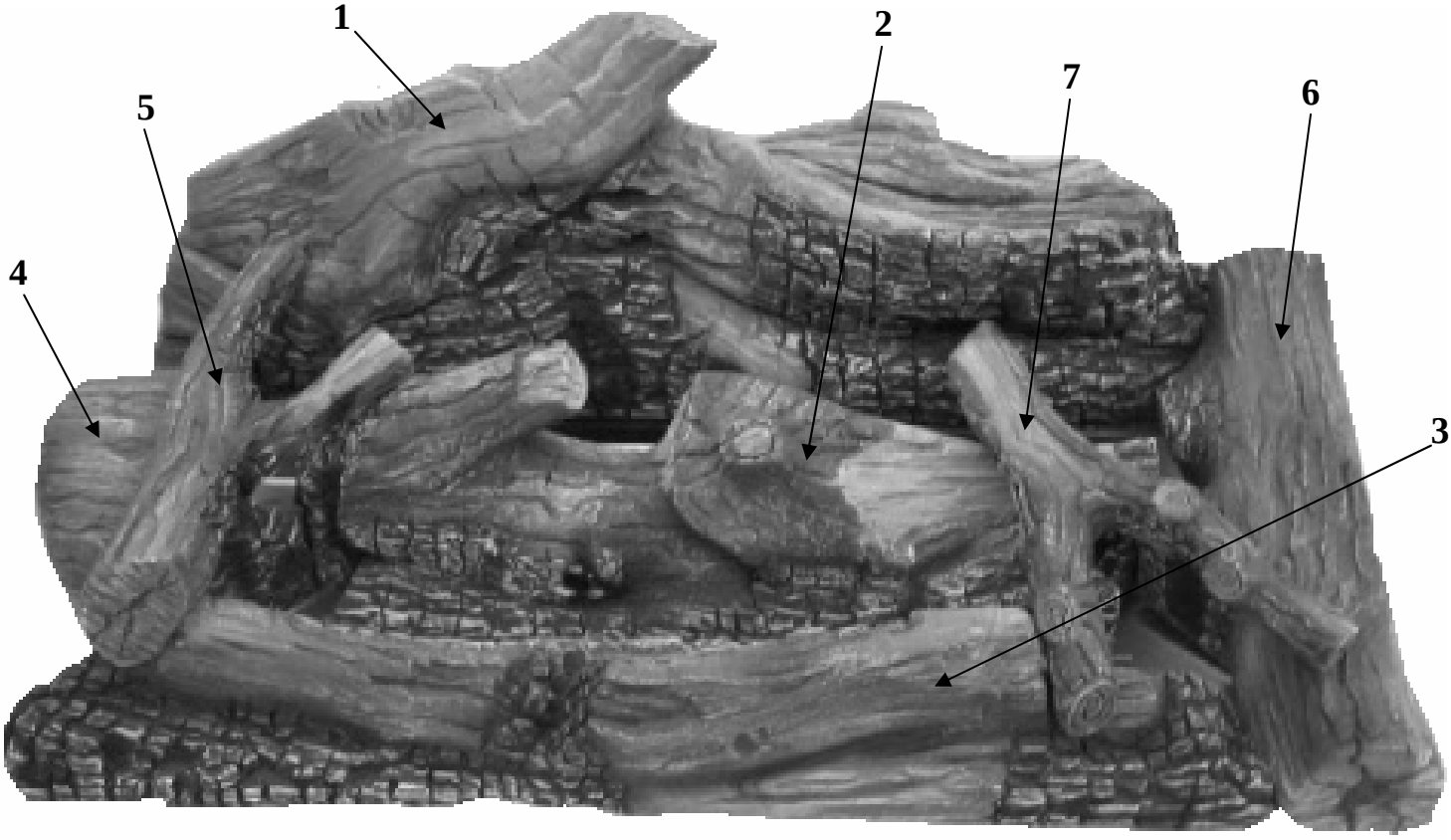
9. After re-fitting main door re-fit bottom grill. Please take care to ensure no wires are pinched or removed from their plugged positions.

INSTALLATION INSTRUCTIONS

LOG SET DIAGRAM - IS700

The Gas Log Kit contains the following:

1) Rear Log
2) Middle Log
3) Front Log
4) L/H Side Log
5) L/H Cross Log
6) R/H Side Log
7) R/H Cross Log



INSTALLERS - PLEASE NOTE

(A) LOG SETTINGS

Do not remove logs from heater unless absolutely necessary!! Logs have been preset and aligned for correct performance. Only place cross logs in position as per instructions above.

Please Note: Accurate placement of logs is critical for correct performance of heater. Please ensure the rear log is hard up against the rear at the firebox at the base and at the top.

(B) GAS PRESSURE FOR LPG

Do not adjust gas burner pressure on LPG. Gas burner pressure has been set at factory to required gas burner settings for LPG.

(C) GAS PRESSURE FOR NATURAL GAS MUST BE CKECKED

For Natural Gas please check and adjust gas burner pressure if required as inline pressure can vary in areas of Australia. For Natural Gas burner pressure settings refer to Page 4. This is very important for getting the correct performance from the heater.

(D) ADJUSTMENTS

This product has been fully tested for its operation sequences and performance at the factory and no adjustments should be made, except for the above mention of Natural Gas, to the appliance unless approved by the manufacturer.

INSTALLATION INSTRUCTIONS

FLUING REQUIREMENTS

Co-Axial Flue Installations

Note: This appliance has only been approved for co-axial flue application if the flue (as supplied by the manufacturer) is installed to an external wall or external fireplace. (Refer installation diagram for Co-Axial Flue Installations Pages 14-15-16)

Single Flexi Installations

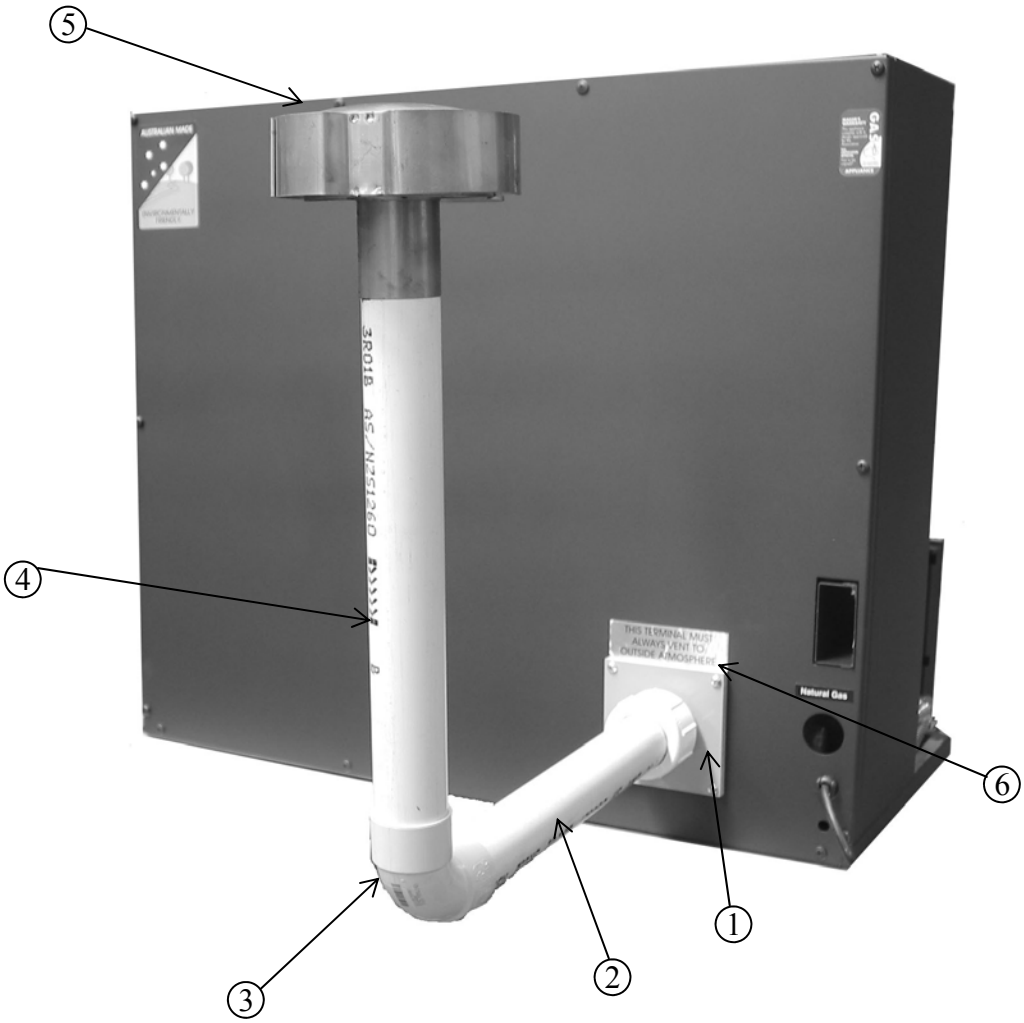
Note: This appliance has only been approved for single flue pipe installation if the unit and flue pipe is installed in line with the manufacturer's installation instructions. (Refer installation diagram for single flue pipe installations Pages 13-16-17-18-19-20)

CONFIGURATION 1:	Insert Models Pages 13-16-17-18-19-20 - Single Flexi Flue Application. SINGLE PIPE 40mm ø 5.1 METRES HIGH INCLUDING 2 X 45° ELBOW, 1 X 90° ELBOW, 1m FLEXIBLE PVC SECTION AND ONE 75mm COWL.
CONFIGURATION 2:	Insert Models for Installation on External Walls or External Fireplaces Pages 14-15-16. CO-AXIAL FLUE INTERNAL PIPE 40MM ø EXTERNAL PIPE 65MM ø BOTH PIPES IN PVC UP TO 1 METRE LENGTH FOR WALL PENETRATION.

SINGLE FLUE KIT FOR ARCHER GAS LOG SPACE HEATER

For applications on Flexible Single Flue refer pages 16-17-18-19-20

No	Description	Qty	
1	Single Flue Adaptor	1	Supplied with heater
2	40mm ø PVC Pipe 400mm long	1	Supplied with heater
3	90° PVC Bend	1	Supplied with heater
4	40mm ø PVC Pipe (up to 5.1m)		Supplied by installer
5	Stainless Steel Cowl	1	Supplied with heater
6	Self Tapping Screws 4 x ½"	4	Supplied with heater

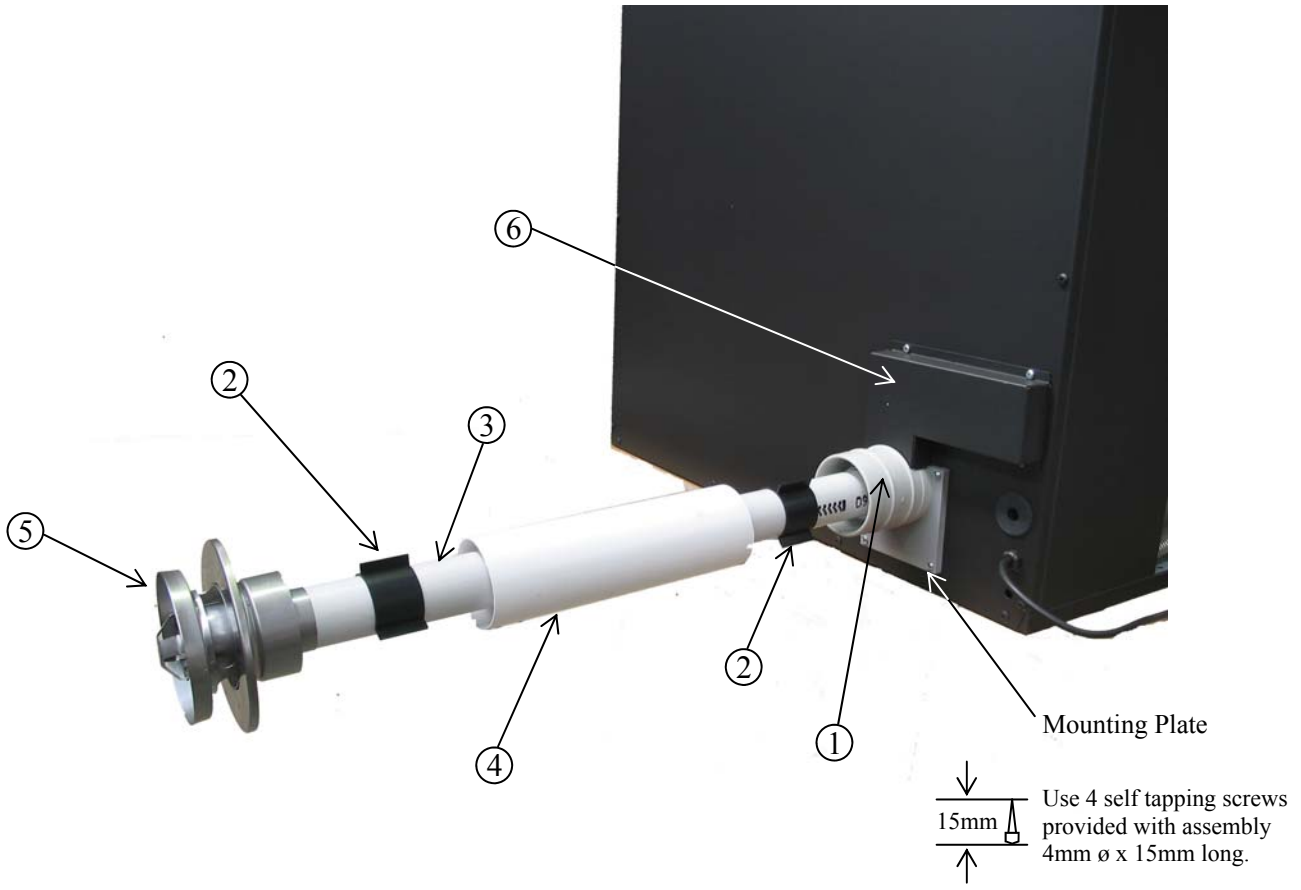


CO-AXIAL FLUE KIT FOR ARCHER GAS LOG SPACE HEATER

For applications refer page 15 and page 16 of this Installation Manual.

No	Description	Qty
1	Co-Axial Manifold Starter	1
2	Internal Pipe Spacers	2
3	40mm ø PVC Pipe	400mm
4	65mm ø PVC Pipe	400mm
5	Stainless Steel Co-Axial Cowl	1
6	Air Inlet Duct Cover	1

Approx.



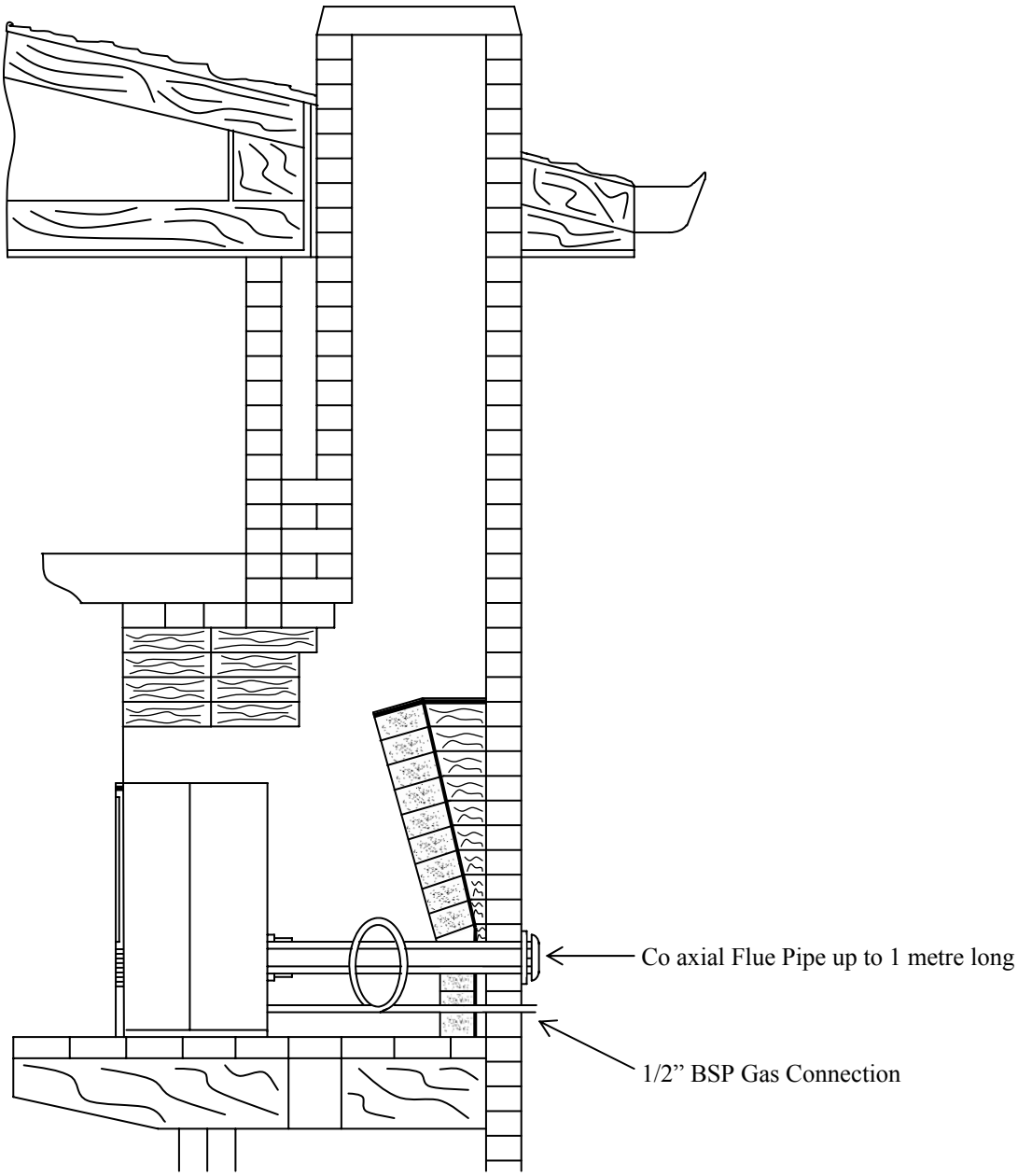
Note: When connecting 40mm ø and 65mm ø flue pipe to Item 1 co-axial manifold starter and Item 5 co-axial cowl, **do not glue** flue pipe connections to allow for removal of flue pipe for servicing of the heater.

Note: When connecting 40mm pipe at adaptor end and at cowl end, ensure that 40mm pipe is long enough to fit in securely at both ends. Failure to do so will cause the flames to go out and the heater will operate incorrectly.

INSTALLATION INSTRUCTIONS

Insert Model IS700

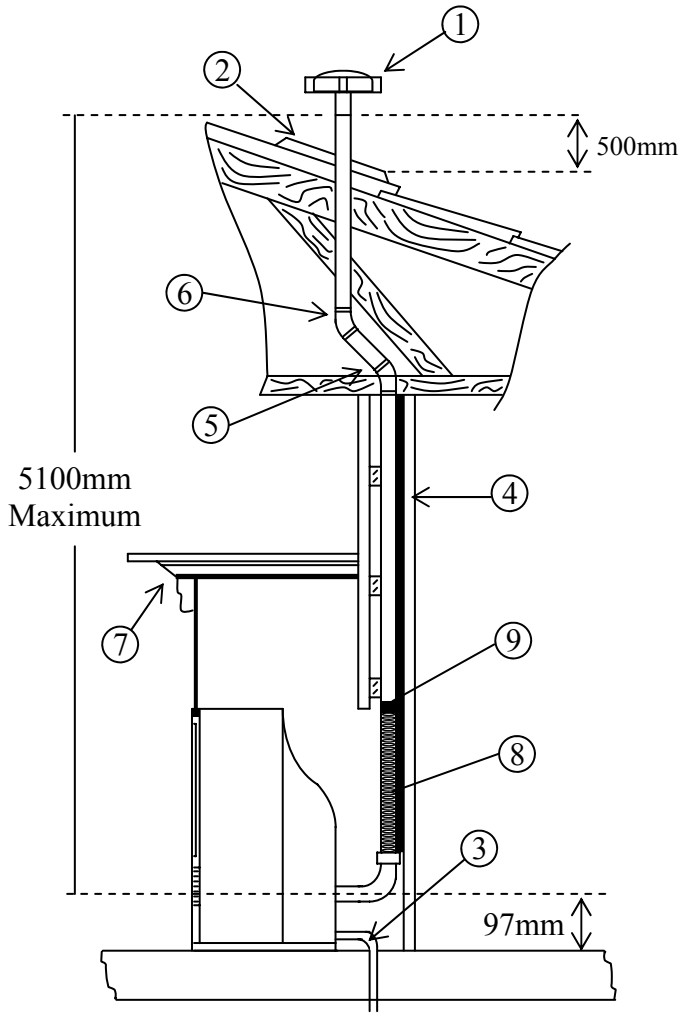
-With Co-Axial Flue - Exterior Masonary Fireplace



Note: Do not use PVC cement to seal flue pipe connections to allow for removal of flue pipe. Incorporate loop in gas connection or use flexible hose for gas connection to allow for removing of appliance from fireplace.

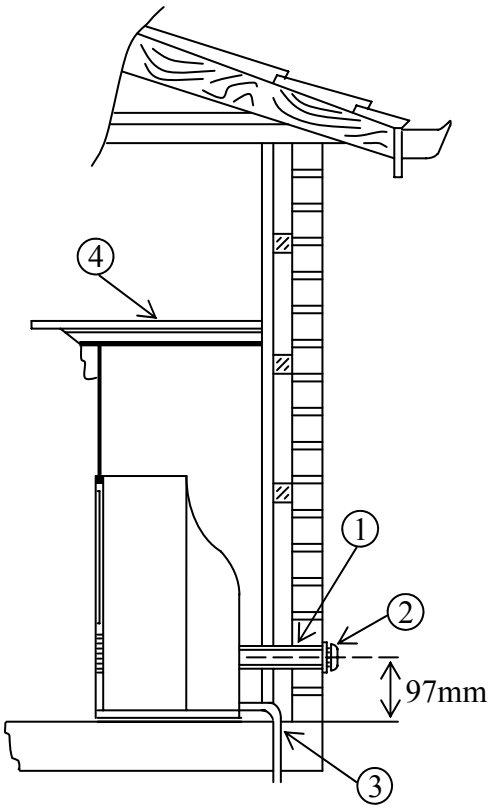
CREATED FIREPLACE MODEL IS100/IS200

Zero clearance, power flue, single 40mm flue and shallow unit depth allow you to create your own fireplace anywhere in your home with your choice of mantel.
Note: Heater must be able to be removed easily for servicing. (Not locked in)



INTERNAL WALL APPLICATION

1. 75mm Cowl
2. Flashing
3. ½" BSP Gas Connection (Flexible)
4. 40mm PVC Pipe Zero Clearance
5. 45° PVC Elbow
6. 45° PVC Elbow
7. Mantel
8. Flexible PVC Pipe
9. 40mm PVC Coupling



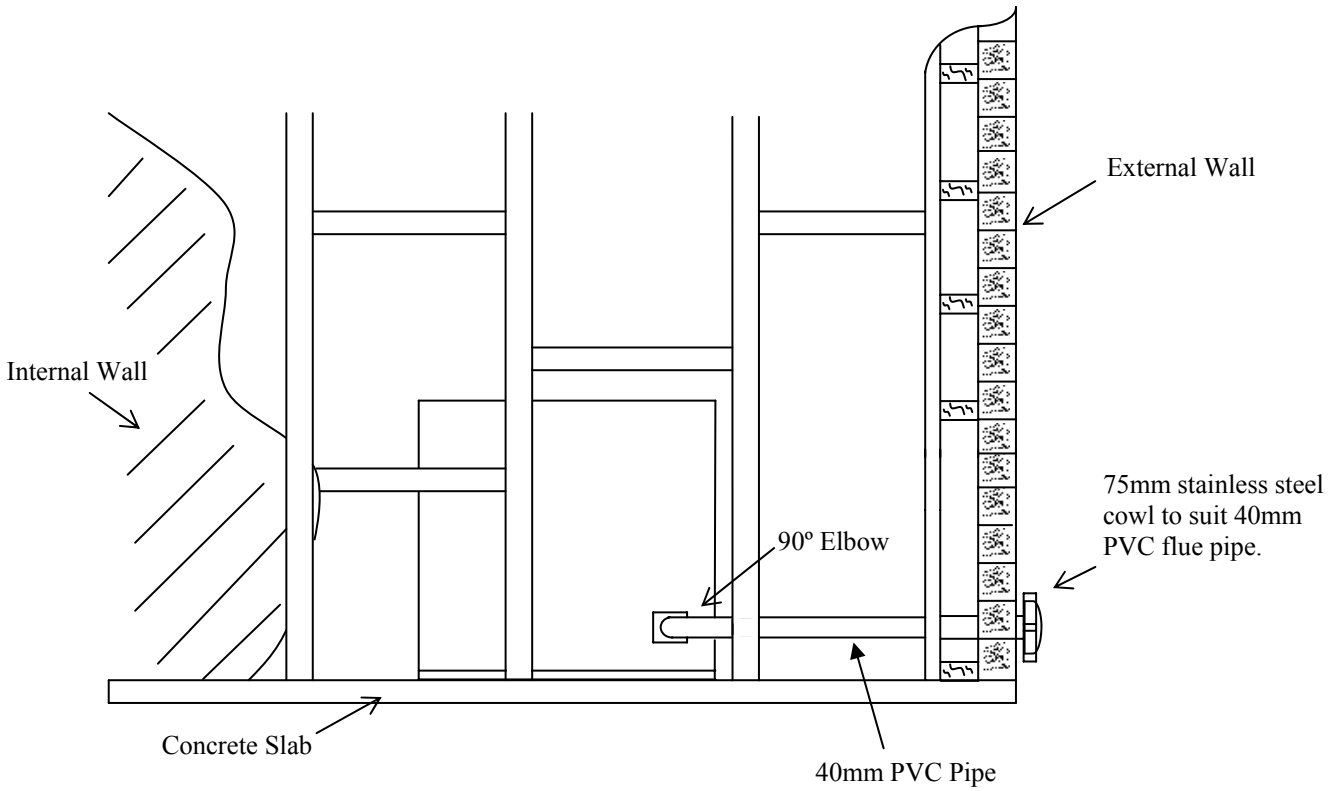
EXTERNAL WALL APPLICATION

1. Co-Axial Flue
2. Co-Axial Cowl
3. ½" BSP Gas Connection (Flexible)
4. Mantel

INSTALLATION INSTRUCTIONS

Internal to External Wall Installation using 40mm ø PVC Flue.

Side Wall Installation
(Horizontal Single Flue)

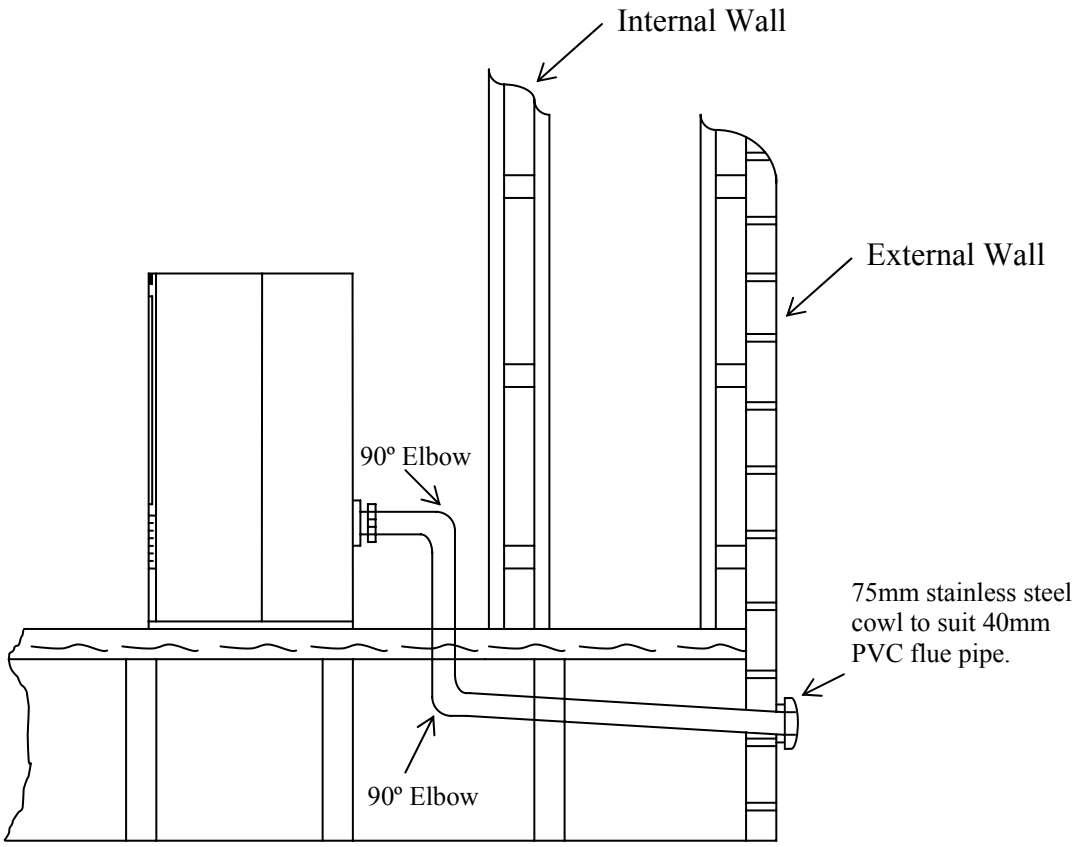


CAUTION: PLEASE DO NOT ALLOW WATER TRAPS TO FORM IN FLUE OR HEATER WILL CEASE TO OPERATE.

Note: Total installation length in 40mm ø PVC pipe 5100mm with 1 x 90º and 2 x 45º bends.

INSTALLATION INSTRUCTIONS

Internal Wall Under Floor Installation using 40mm ø PVC Flue.



Note: All flue pipe connections need to be sealed with PVC cement, except Flue Fan Connection.

Note: Total installation length in 40mm ø PVC pipe 5100mm with 1 x 90º and 2 x 45º bends.

Caution: To avoid water trap in Flue system 40mm ø PVC pipe must be supported every 2 metres to avoid PVC pipe sagging, and PVC pipe must have fall to ground level (see sketch).

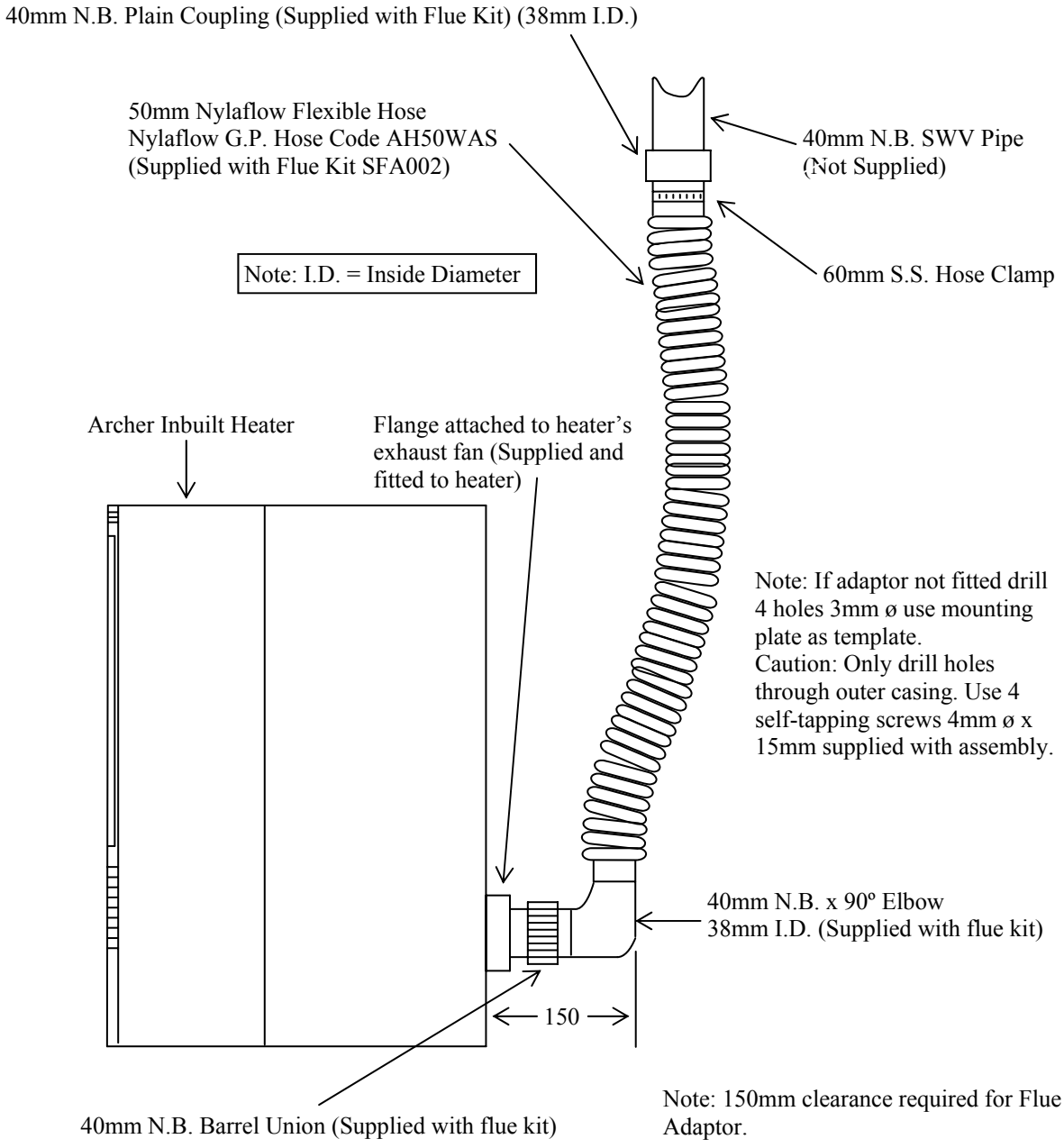
Caution: If a water trap develops in the flue the heater will cease to operate or could soot up.

INSTALLATION INSTRUCTIONS

Flexible Flue Kit to suit Fireplace Insert Installations Model IS700

STANDARD FLUE KIT SUPPLIED BY AURORA FOR INSERT INSTALLATION (SFA002)

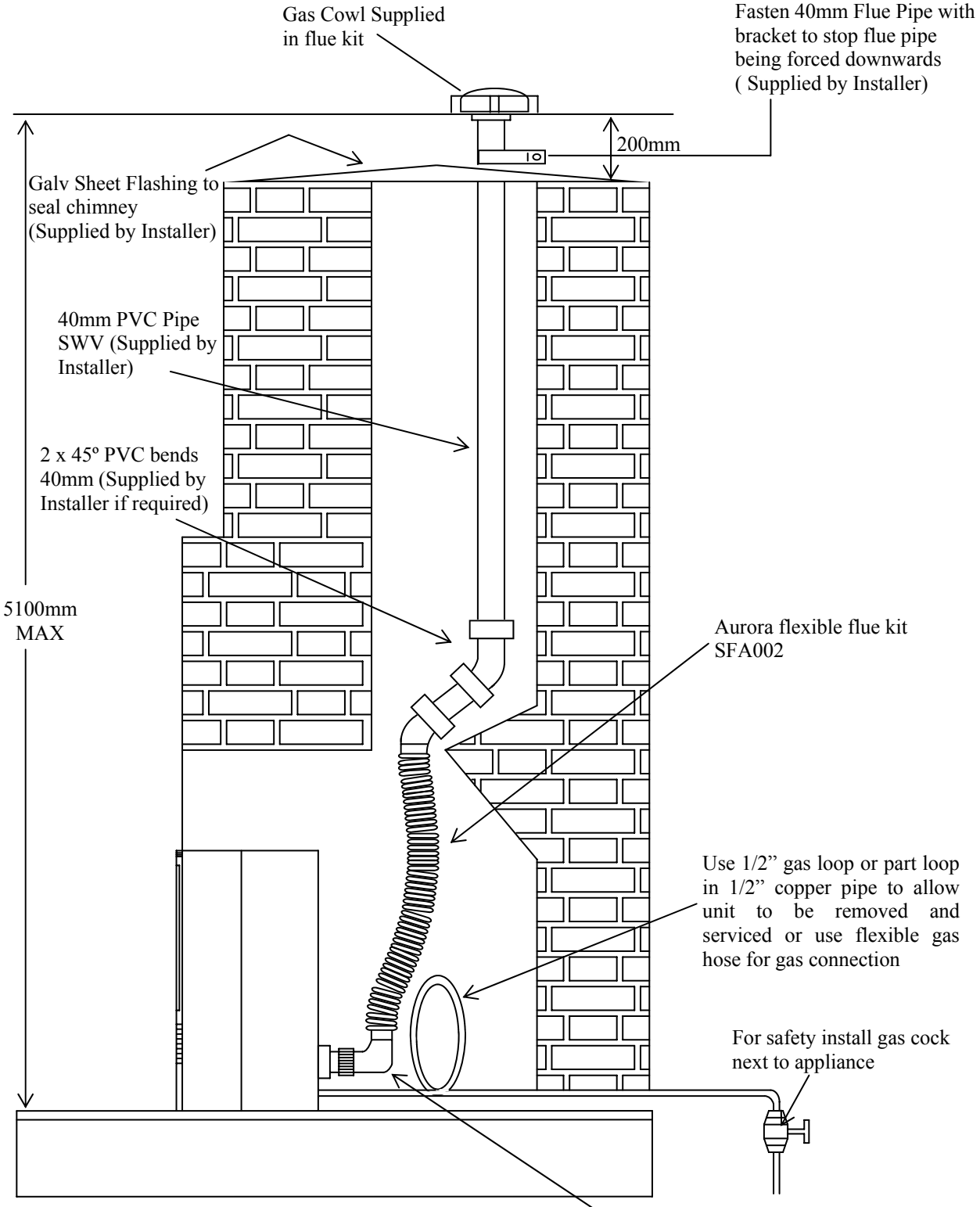
Note: Standard 75mm Cowl to fit 40mm ø pipe is also supplied with flue kit.



INSTALLATION INSTRUCTIONS

Fireplace Insert Installation Model IS100

-Using Aurora Flexible Flue Kit SFA002 with Single 40mm PVC Flue Pipe using 75mm cowl



Note: All flue pipe connections need to be sealed with PVC cement, except Flue Fan Connection.

Note: Total Installation length in 40mm ø PVC pipe 5100mm with 1 x 90º and 2 x 45º bends.

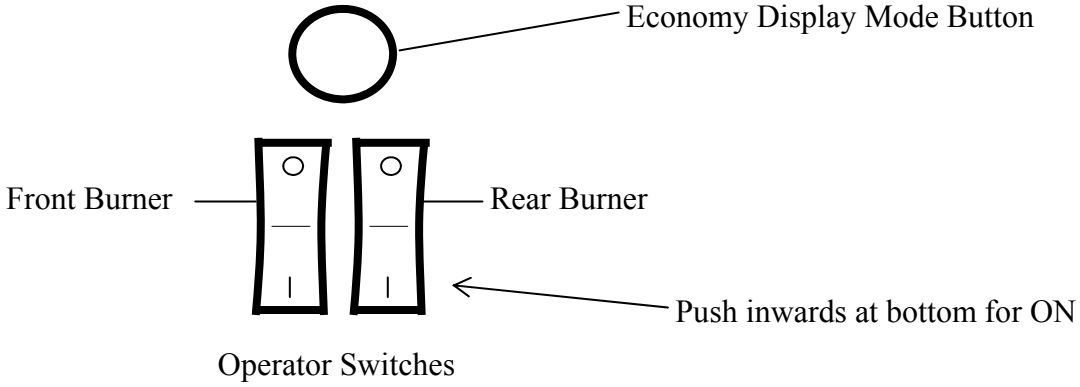
Note: Do not allow elbow to sag downwards. If it does a water trap will develop and heater will cease to operate.

OPTIONAL REMOTE CONTROL THERMOSTAT

An optional programmable Remote Control Thermostat can be fitted to the heater at the factory when ordered or even after the heater has been installed. See your Archer dealer for correct type.

Installation: The Remote Control can be installed by the owner of the heater if required. The Remote Control is a battery operated device, which requires a small amount of low voltage plug in wiring. A wiring loom package is supplied by Aurora Climate Systems, which simply plugs onto the front panel and the red button. Refer Page 22.

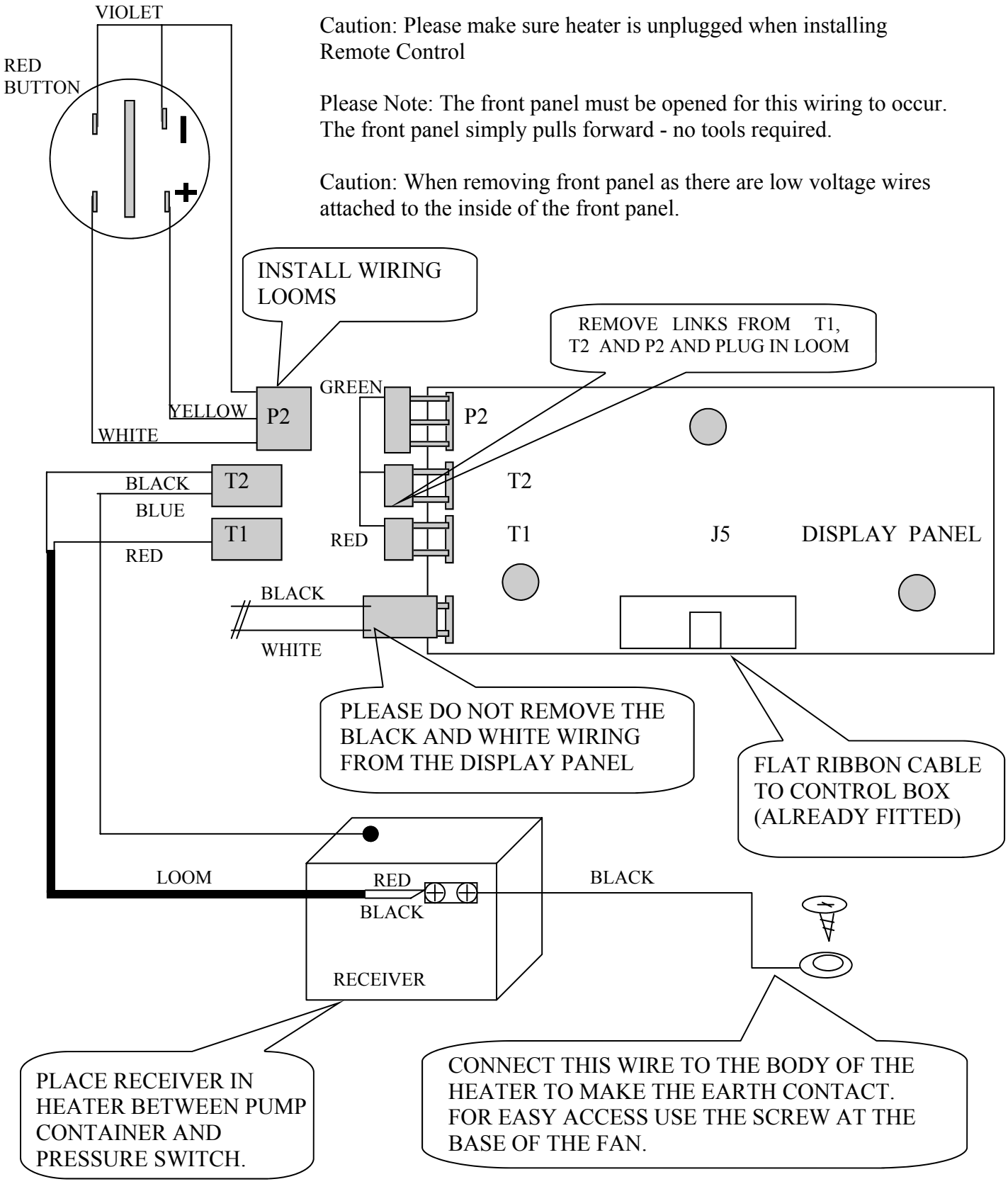
Remote Control Operation/Programming: Refer to the instruction sheet supplied with the device.
Note: Aurora Climate Systems is not the manufacturer of any Remote Control Thermostats and will charge a service fee to the customer who requires a technician to be on site to give operating instructions, installation, set up or programming. If the device appears to be faulty it will need to be posted back to Aurora Climate Systems where the functionality will be checked and returned back to the customer in working order. Aurora Climate Systems recommends that the customer familiarise themselves with the Remote Control Thermostat operation through reading the instructions supplied or by requesting that the installer of the appliance commissions the Remote Control Thermostat.



Economy Display Mode (Red Button Operation): The red button above the two burner switches is called the economy display mode and will only function when a Remote Control Thermostat has been installed in the heater. The most common way this button is used is having the Remote Control set on the Thermo mode with a desired temperature set for the heater to cut in and out, which will of course be relevant to the ambient temperature, location and the area the appliance is positioned in. When using a Remote Control Thermostat both burner switches need to be in the on position. When the red button is pressed to be illuminated in conjunction with having both burner switches on, the front burner only will commence ignition and then remain on or if already alight it will now remain on, regardless of what function or temperature is set on the Remote Control.
In this situation only the back burner will cut in and out according to the setting on the Remote Control. We believe by running the heater this way you will use less gas and still have the ascetic affects of the front burner. However if the appliance is in a small area this may get to warm for you. All you need to do then is press the red button so that it is not illuminated and the heater will then revert back to its normal operation.
In basic terms the red button acts as a Remote Control override switch for the front burner only. Also the Remote can switch the heater on and off in the high setting, medium setting or low setting.
Refer Page 31 - Burner Settings.
Note: When the heater or the Remote Control is not being used for long periods the burner switches should be in the off position, also in summer the heater should be turned off at the power point.

ARCHER GAS LOG SPACE HEATER
INSTALLATION OF THE REMOTE RECEIVER AND FRONT FLAME DISPLAY BUTTON

Effective 15th April 2008



NOTE: PLEASE KEEP LINKS FROM T1 & T2 INSIDE THE HEATER FOR FUTURE BRIDGING IF REQUIRED.

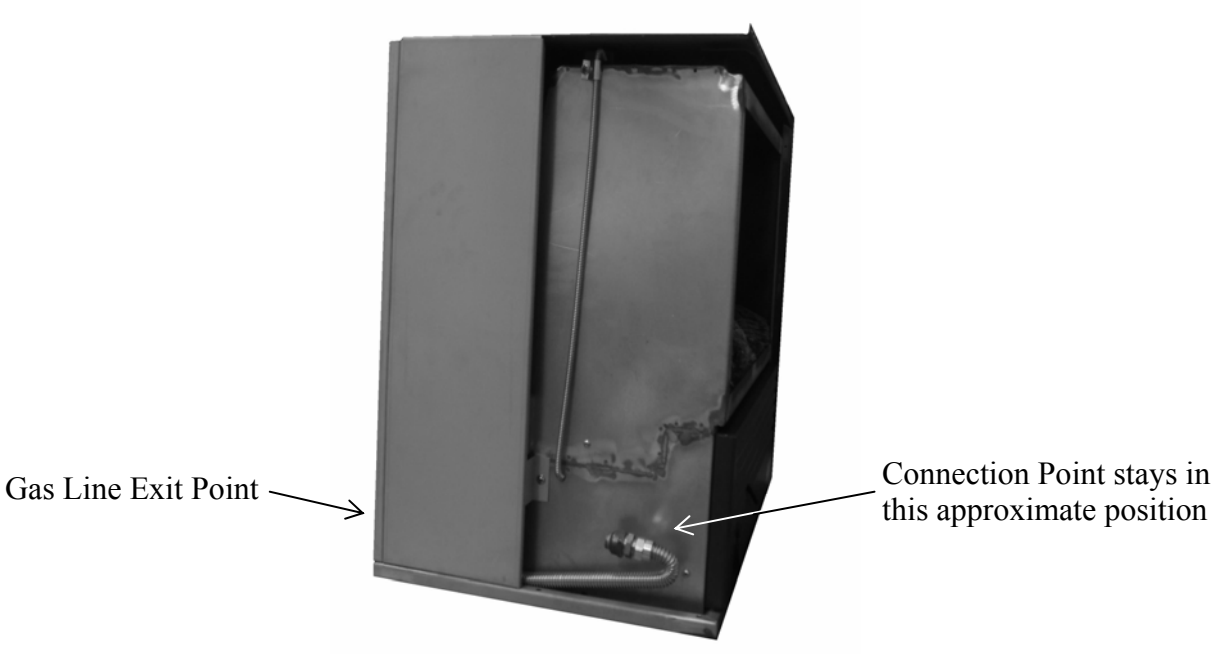
INSTALLATION INSTRUCTIONS

GAS CONNECTION (Line Supply)

The gas connection is 1/2" BSP supplied in heater.

GAS SUPPLY LINE TO HEATER

a) Remove the 2 screws on top L/H front side panel and lift out side panel.
b) Remove rubber grommet from back panel of heater and insert 1/2" copper gas supply line through back panel of heater.
c) Connect gas supply line to flexible gas hose. Ensure that flexible gas hose is not kinked after fitting gas supply line.
d) After gas supply line has been brought through from rear of heater, place rubber grommet supplied over gas line and insert into back panel.



IMPORTANT

Note: The copper gas supply line to the heater must be installed under conditions which will allow for easy removal of the heater from its location for servicing of the heater. For fireplace insert installations, incorporate either a copper loop into the supply line or flexible hose being used for the gas supply to the heater to allow for easy removal of the appliance.

Note: Under no circumstances should the gas supply line to the appliance be installed under conditions, which would not allow for easy removal of the appliance to carry out routine inspection and service to the appliance.

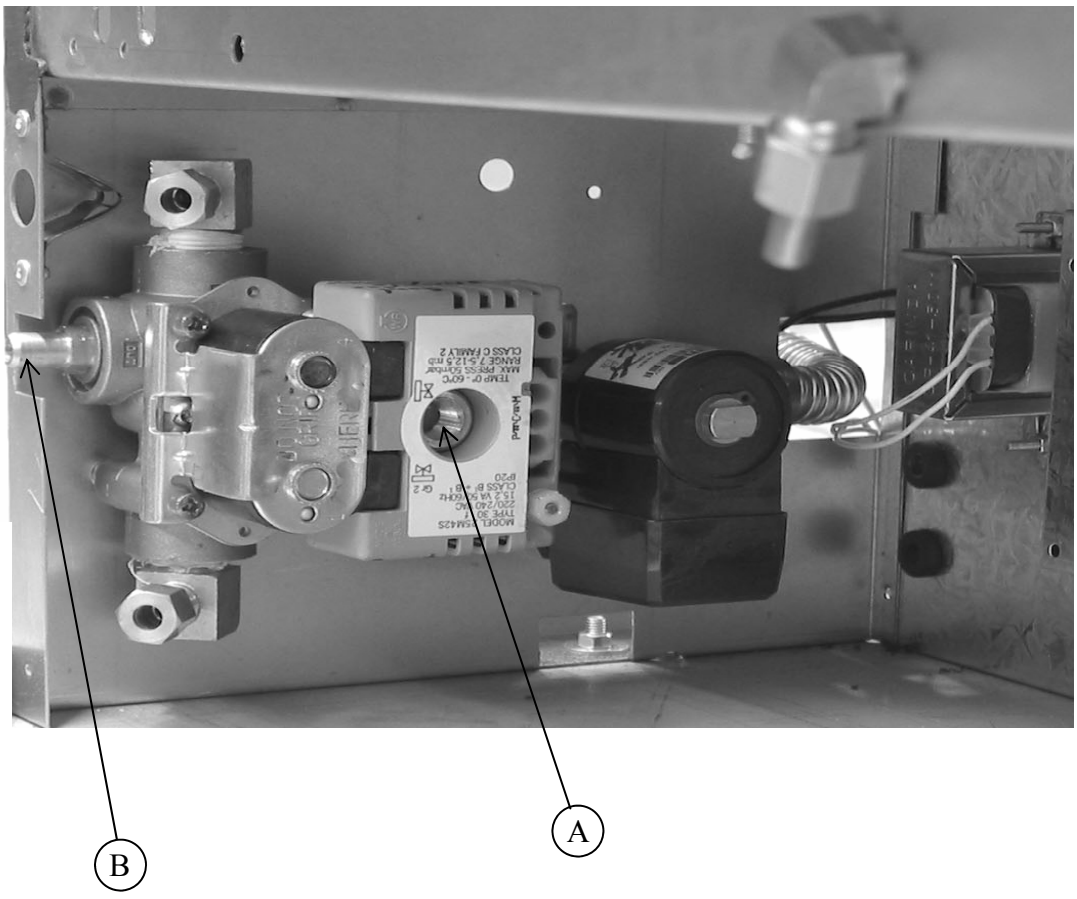
INSTALLATION INSTRUCTIONS

GAS VALVE PRESSURE ADJUSTMENT

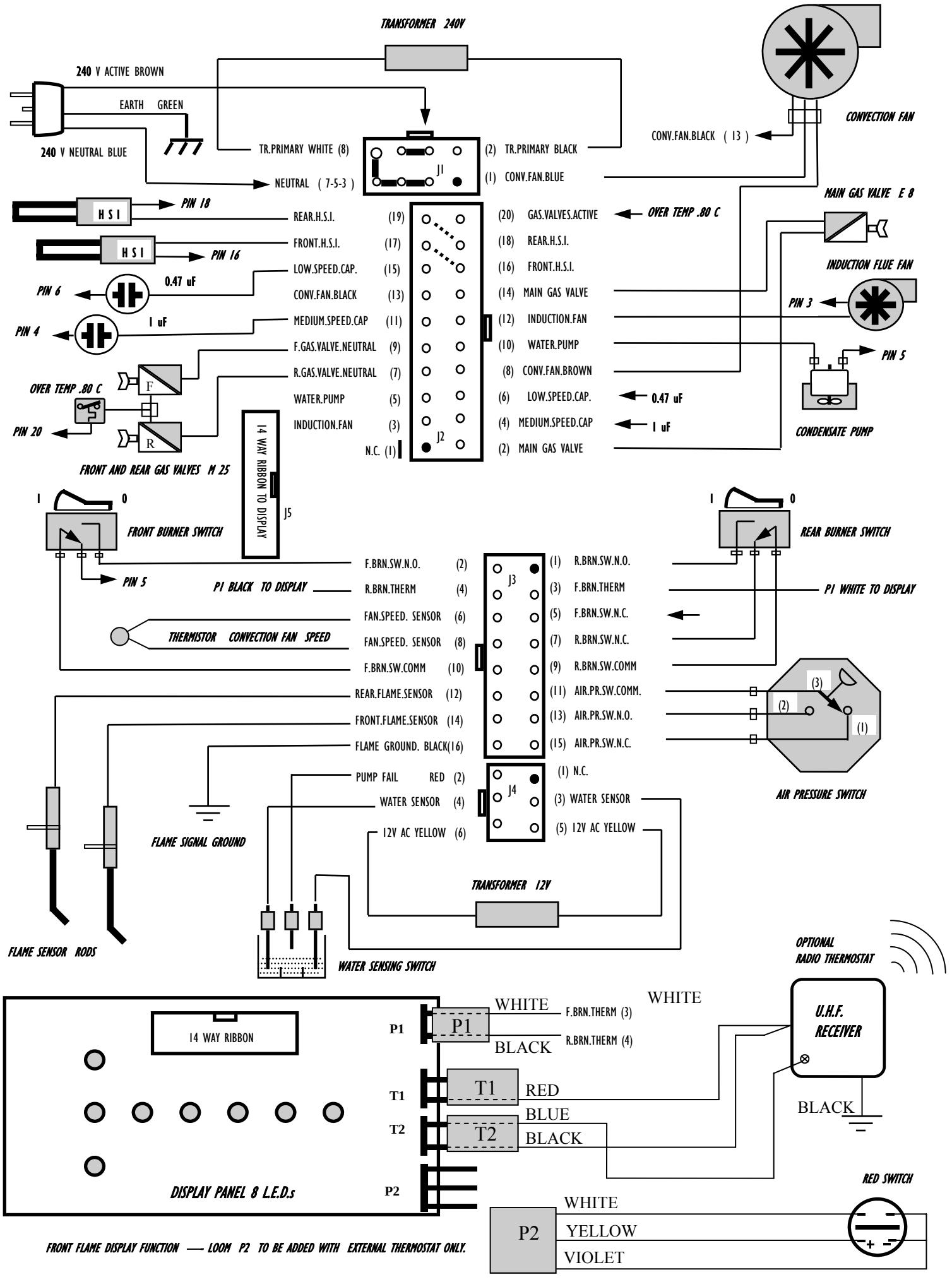
The gas valve pressure adjustments must be checked during installation, and if necessary corrected to suit the gas type available. (Reference Page 11)

"A" represents the main regulator adjusting screw. Access to this screw is obtained by removing the brass screw cover; use a flat blade screw driver for adjustment of gas pressure. Note: Gas burner pressure can only be adjusted on high burner setting with both switches medium and low burner in the "ON" position and flames holding on both burners.

"B" represents the test point for connecting the manometer. Gas Valve is supplied with brass test tube for connecting the manometer. Note: To obtain reading of gas pressure, open the brass screw located inside test point with a small blade screw driver, before connecting the manometer to test point. On completion of checking burner pressure, tighten the brass screw inside the brass test point.



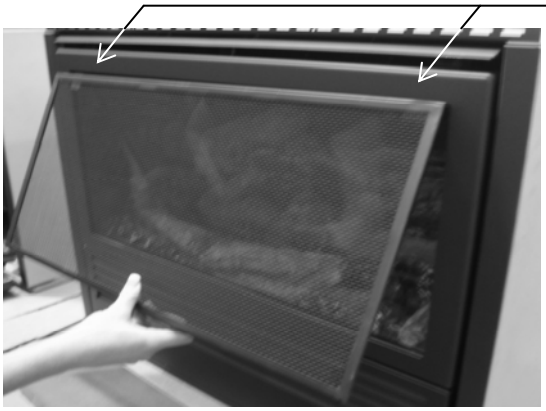
ARCHER 2004 WIRING DIAGRAM 240V 50 Hz



INSTALLATION INSTRUCTIONS

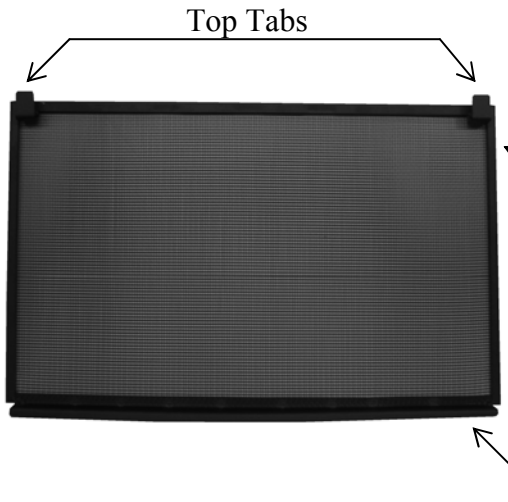
MAIN DOOR SAFETY SCREEN INSTALLATION

⚠ CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURE FROM THE MAIN DOOR GLASS AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION. YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE.ALWAYS ENSURE THAT YOUR SAFETY SCREEN SUPPLIED WITH THE HEATER IS FITTED TO THE MAIN FRONT DOOR OF THE HEATER.



Slide tabs between glass and door frame in an upward motion. Guard must be high enough to be able to slide the bottom resting ledge downward between the glass and door frame. Adjust to make straight.

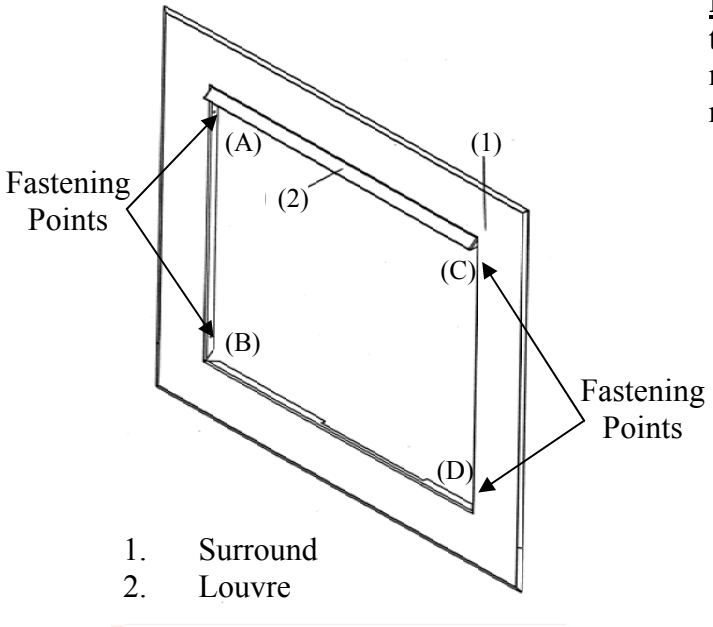
Correctly Fitted Screen



⚠ ANY SAFETY SCREEN OR GUARD REMOVED FOR SERVICING AN APPLIANCE MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.

ASSEMBLY AND FITTING OF 3 AND 4 SIDED SURROUND FOR FLAT FRONT MODEL IS 700

DIAGRAM A



1. Surround
2. Louvre

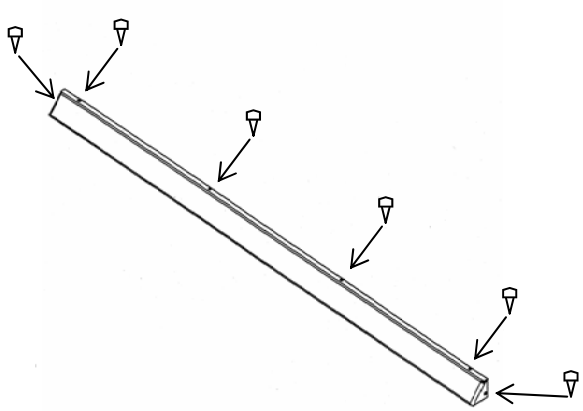
IMPORTANT NOTE: When fitting the surround to the heater the main door and the lower front panel must be removed. Please keep the wiring intact when removing the lower front panel.

FITTING OF SURROUND

Place the surround as shown in Diagram A on the flat front heater as shown in Diagram C and fasten the surround to the heater with the 4 screws supplied at points A, B, C and D.

Note: Door and lower front panel must not be in place when fitting the surround to heater.

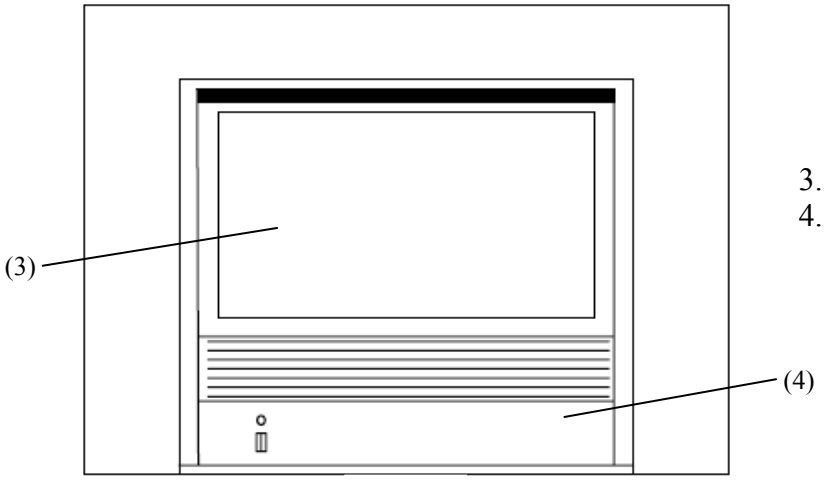
DIAGRAM B



FITTING OF LOUVRE

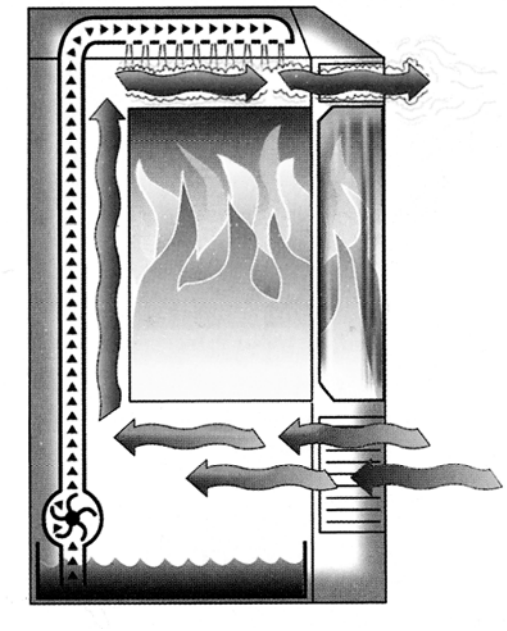
Place the louvre in the surround as shown in Diagram A and fasten with the six screws supplied as shown in Diagram B.

DIAGRAM C



3. Main Door
4. Lower Front Panel

AUTOMATIC HUMIDIFIER OPERATION



Most gas heaters dry out the air in the room. (Remember the bowls of water in front of the old gas heaters?) The Archer has ingeniously solved this problem with an Automatic Humidifier. Gas contains moisture which is normally expelled out the flue or chimney after combustion. But the Archer is so efficient by taking 92% of the heat out of the burnt gases that the moisture drops out and condenses in the back of the heater. This water is collected in a tank which is then pumped up to a stainless steel holding tank, where it evaporates in the stream of hot air which is blowing into your home. Air humidity is automatically restored!

1. The amount of condensate build up in the water sump is dependent on outside temperature, length and height of the flue pipe. The automatic humidifier can operate approximately anywhere from between every 10 minutes to every 6 hour intervals, depending on ambient temperature, style and type of flue. Long single vertical flues can cause the humidifier to come on more often depending on heater settings.

2. When the automatic humidifier is engaged and is transferring the condensate into the stainless steel tray, a hissing sound may be noticeable. This occurs when the condensate enters the stainless steel holding tank and is quite normal. The duration of the sound may vary from 3 to 30 seconds until the stainless steel holding tank has been filled with the condensate.

3. When the automatic humidifier pump comes on to pump condensate into the stainless steal tray (located on the top of the heater), the L.E.D light (Item 10) on the front panel will light up and flash for the duration of the condensate pump operating, and then extinguish after the pump has stopped operating. This means water has been pumped into the tank, and automatic humidification will commence.

OPERATING INSTRUCTIONS CHECKLIST

BEFORE OPERATING THIS APPLIANCE, CAREFULLY PROCEED THROUGH THE FOLLOWING CHECK LIST.

1. **Read and understand these instructions before installing or operating this appliance.**

2. **Installation of this appliance is only to be carried out by a licensed gas fitter who preferably should be familiar with the installation of the Archer Heater.**

3. **Installers who are not familiar with the installation of this appliance should contact Aurora Climate Systems prior to installing the appliance to avoid creating hazardous operating conditions.**

4. **No deviations on installation are allowed, unless they are specifically approved in writing by the manufacturer of the appliance.**

5. **Wrongful or deviations taken by the installers on the installation of this appliance, will result in the heater not starting up or operating incorrectly causing a safety hazard and will void the manufacturer's warranty of the appliance.**

6. **Check and inspect the appliance for gas leaks. In the event of gas leaks, cut off the gas supply to the heater immediately and call your gas supplier or installer.**

7. **Check and verify that all flue venting combustion air intakes and flue cowl are unobstructed.**

8. **Refer to page 13 for Single Flue pipe and page 14 for Co-Axial Flue installations, that correct flue pipe and cowl has been fitted in line with the manufacturer's specifications as illustrated in the Installation Manual Pages 13-20.**

9. **Do not use alternative Flue or Cowl on installation other than that specified in this manual - otherwise heater will malfunction and cause hazardous operating conditions and will void the manufacturer's warranty.**

10. **Check and verify that flue pipe connection to the appliance when using single 40mm flue pipe installation is correctly installed and secured in line with instruction in the Installation Manual Pages 16-20.**

OPERATING INSTRUCTIONS CHECKLIST cont...

11. **Prior to operating the appliance check for dust or particles lying on top of the burners. Refer Page 10.**

12. **Check and verify that logs are placed correctly as per instructions on Pages 8-11 of this Installation Manual. If logs are incorrectly positioned or placed wrongly it can create a hazardous situation, and in most instances, the heater will not operate correctly.**

13. **Do not light heater without logs fitted, as heater will not operate.**

14. **For your personal safety, check and verify that polarities are correct in the power supply to the heater. Also check for proper earth connections at the power source. If polarities in power supply are incorrect, change the polarities in the power supply to heater, NOT in the heater cord. Incorrect polarity's will cause the appliance not to function correctly.**

15. **Check and verify prior to starting up the appliance, that all panels are secured in place and that the main door has been locked in position.**

16. **After verifying and checking all the above points proceed to lighting instructions. Refer page 31.**

LIGHTING INSTRUCTIONS

1. Main Electrical power supply must always be switched on to the unit with the two burner switches in the off position (up) before commencing lighting the heater.

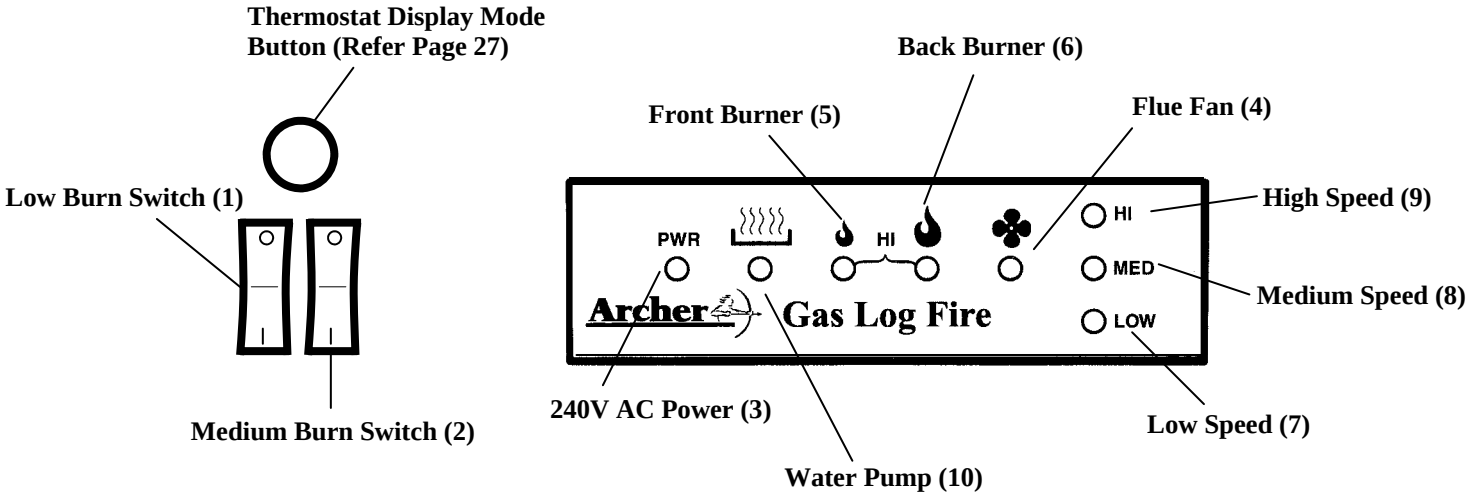
2. Turn on main gas supply.

3. Verify that main electrical supply is switched on by checking the 240V AC power status display (Item 3) indication is on.

4. Burner selection: select low burn, medium burn, or high burn. Low burn switch (Item 1) controls the front burner only. Medium burn switch (Item 2) controls the rear burner only. When both switches are down, they will activate both the low and medium burners, which is the high setting.

5. Heater operating LED sequence (Front Display Panel). Before commencing ensure that the power L.E.D (Item 3) is on and burner switches are off. Switch on the heater by engaging the low and medium burner switch, this will activate the pressure switch and the flue fan L.E.D (Item 4) will be on. Also the two burner L.E.D's (Items 5 & 6) will commence flashing for 35 seconds prior to ignition. Once both burners have ignited the burner L.E.D's will remain on. If you cant see flame on the rear burner, but the burner L.E.D is on then there will be flame there, which will become more visible as the heater warms up. Once the heater warms up the low speed L.E.D (Item 7) will light and the convection fan will blow warm air from the heater, as the heater becomes warmer the medium L.E.D (Item 8) will come on and when the heater has reached its highest operating temperature all three L.E.D's (Items 7, 8 & 9) will light up and the convection fan will now be running at its high speed. Refer Page 32 - Fan Operation. When the heater has been running for some time, the water pump L.E.D (Item 10) may come on to signal that the pump has been activated.
Refer Page 28 - Automatic Humidifier Operation.

Note: Three heat settings are available for operating your Archer heater - low, medium and high.
a) Low setting (front burner only) - engage low burn switch only (Item 1)
b) Medium setting (rear burner only) - engage medium burn switch only (Item 2)
c) High setting (front and rear burners)



Caution: When switching from the front burner to the rear burner, be sure to activate the rear burner first , then turn off the front burner. When switching from the rear burner to the front burner, be sure to activate the front burner first. Simple rule - always activate the desired burner first, then switch the other burner off. If it is switched the wrong way the burner/s will go out and the heater may need to be reset. Refer Page 34 - Resetting the Heater.

FAN OPERATION

The 3-speed main convection fan will cut in automatically approximately 3 to 5 minutes after the heater has warmed up. Note: The 3-speed main convection fan is automatically controlled and will operate on three preset speeds. Depending on your burner setting and the surrounding ambient temperature, the L.E.D lights (Items 7, 8 and 9) for the fan will light up. The bottom L.E.D light (Item 7) is low speed setting, and middle L.E.D lights (Item 8) is the medium speed setting, the bottom, middle and top L.E.D lights (Items 7, 8 and 9) is the high-speed setting (both burners on).

Note: The fan will operate totally independent of burner setting - it is controlled by temperature only.

a) Front burner only - low fan speed
b) Rear burner only - medium fan speed
c) Both front and rear burners - high fan speed

} These are approximates only

On changing the burner setting from high to medium, or from high to low, there will be a delay on the operating speed of the fan until the firebox has cooled down sufficiently for the fan to change speed.

1. Note: It can take up to approximately 20-30 minutes before the fan speed will change and settle on the next setting. The firebox temperature and the outside ambient temperature will regulate how quickly the fan responds to speed changes.

2 Note: It is quite possible if the room the heater is in starts to reach an ambient of 30°C that the main convection fan could turn itself on even though the heater or burners are switched off. An example of this occurring would be in the summer months or from another source of heating. We recommend if this is occurring that the heater should be turned off at the power point.

HEATER SHUT DOWN INSTRUCTIONS

Turn medium burner switch (Item 2) and low burner switch (Item 1) to the "OFF" position.

Note: The main convection fan in the heater will be operating on and off for up to approximately 45 minutes or more. intermittently until the firebox has been cooled down sufficiently for the main fan to stop operating.

Note: Do not cut main electrical supply to the heater after the heater has been switched off to stop main fan operating. Main fan will stop operating automatically after the heater has cooled down sufficiently.

OVER TEMPERATURE CUT OUT

The Archer Gas Log Space Heater is protected against overheating with a high temperature 80° cut out switch to protect the heat exchanger, plastic sump and flue fan.

The high temperature cut out switch will automatically switch off the gas supply to the heater, if the temperature in the room where the heater is located reaches approximately 28°C. The heater will go into lock out mode. An allowance of 15 minutes minimum must be made to allow for the main fan to cool down the heater prior to restarting the appliance.

Note: In most instances, overheating of the heater is a direct result of too much lint and dust having accumulated in the main convection fan. This means the fan won't be able to supply sufficient air to cool down the heat exchanger. It is recommended that you inspect your main convection fan prior to commencement of the heating season and if necessary have it serviced by a qualified service technician (refer page 35 –Maintenance).

PAINT CURING - FIRST FIRING

The first fire in your heater is part of the paint curing process. Your Archer Gas Log Space Heater has been painted with the highest quality heat resistant silicon paint available in the world.

The temperature this paint can withstand before it breaks down and burns off is around 800°C, which is well in excess of the heater's normal operating temperature.

To ensure that the paint is properly cured light the unit and leave it burning on high burn for approximately 1 hour.

1. Ventilate the house during the first time the heater is being operated. The paint on the heater and the main door glass seal may give off light smoke and an odour. Without adequate ventilation, concentrations of smoke could irritate, or be upsetting, so ensure you have adequate
ventilation. After the initial first burn, the paint will be cured and there should be no more smoke.

2. Don't touch the surface of the heater. It will be soft during this paint-curing phase. Once cured it will not be soft again.

3. The paint finish of the heater should not be cleaned with any caustic or abrasive cleaning solutions

4. Any damage to painted surface should be repaired with special touch paint available from your Archer Dealer.

UNIT OPERATING FAULTS

SERVICE AND INSTALLATION OF THE APPLIANCE SHOULD BE CARRIED OUT BY AUTHORISED PERSONNEL ONLY.

THE MAJOR CAUSE OF OPERATING PROBLEMS WITH GAS LOG SPACE HEATERS IS IMPROPER GAS PRESSURE, INCORRECT LOG PLACEMENT, IMPROPER INSTALLATION, INCORRECT FLUE INSTALLATION, INCORRECT SWITCHING OF BURNERS, DIPS/SPIKES IN THE INCOMING POWER OR REVERSE POLARITY'S.

The above situations can cause such problems as changes in flame colour or configuration, intermittent operations, changes in heat output, carbon build up or sooting, bad odours, rattles or other sounds, start up failures and burner/s switching themselves off. These are nearly always the result of improper installation or incorrect operation and it may take sometime for these problems to show themselves. Before calling out a technician you must be able to repeat the fault. If not a service charge will apply. One should always in the event of a fault try resetting the heater. Read below.

Please Note: Incorrect installation of the unit, logs, flue pipe, gas pressure or operation, which cause the above mentioned faults, are not covered under warranty and a service or call out fee will be charged to correct such problems.

RESETTING THE HEATER

There are a number of reasons why sometimes the heater will switch itself off and is the correct thing for the heater to do in certain situations.
Eg. Overheating, power failure or dips, windy conditions, pump failure, partial or full blockage of flue pipe or no gas. All of these operations are monitored by the electronic control box inside the heater, which is heat sensitive, pressure switch sensitive, flame sensitive and water sensitive. If one of these items is not correct it will shut itself down.

To reset turn both burner switches in the off position, ensure the red button above the two burner switches is not illuminated. (If a Remote Control is fitted have it in the off mode) Then turn the power off at the power point for approximately 10 seconds. Then turn the power point back on and the power L.E.D should be illuminated. If you have a Remote Control fitted it should be switched to the on mode. Now switch down the right hand burner switch and the rear burner L.E.D should start flashing, with the flue fan L.E.D remaining steady. Now wait approximately 60 seconds for the rear burner to ignite. You can tell when it has lit, even if you cant see any flames, by looking at the rear burner L.E.D which should remain steady. Now repeat the same process with the front burner. Turn on the front burner switch and wait approximately 60 seconds and the front burner L.E.D will remain steady.
Then in approximately 5 minutes the convection fan should start and the heater has been successfully reset. Note: if the heater is still warm when reset the convection fan may already be running when the unit is powered up.

MAINTENANCE

Note: Your appliance should be inspected, serviced and checked annually by a qualified service person to ensure that your appliance is operating safe and efficiently. Should you detect any abnormality in the operation of your appliance call a qualified service person who has been trained and approved to inspect and service the appliance. This may be your installer or dealer.
(Routine service is not covered under warranty)

LOG PLACEMENT

Cracks in a log's surface or crumbling is normal and do not affect the heater's operation.

If for any reason a log should need replacement, you must use the proper replacement log. Consult your Archer dealer for purchase of correct replacement logs.

Replacement logs must be installed and positioned as outlined on pages 8 to 11 under Log Installation.

Note: Improper positioning of logs will create carbon build up and will alter the unit's performance and operation, which is not covered under warranty.

MAIN CONVECTION FAN

The main convection fan in the heater should be checked, serviced and cleaned annually by a qualified service person to ensure that your appliance is operating efficiently.

Note: If the main convection fan becomes clogged with lint and dust an over temperature situation will occur through the heater exchange system and the over temperature safety switch will stop the heater from operating.

HEAT EXCHANGER

The heat exchanger of the unit is located at the rear of the heater. The heat exchanger should be inspected annually by a qualified service person for lint and dust build up. Excessive dust and lint build up in the heat exchanger can alter the unit's performance and operation.

Note: **This appliance (Insert and Freestanding Models) needs to be installed in such a way that the heater (especially with models built into a fireplace) can be removed at all times to service the heat exchanger and flue fan, which are located at the rear section of the heater.**

Under no circumstances should the appliance be installed under conditions that would not allow for easy removal of the appliance to carry out routine inspection and service work on the appliance. The warranty will be void if access or easy removal is not available.

DISCONNECT MAIN POWER PRIOR TO COMMENCING ANY WORK ON THE APPLIANCE.

GOLD PLATED/CHROME PLATED/STAINLESS STEEL DOORS

The gold and chrome plated finish on the door requires little maintenance and needs only to be cleaned with a soft cloth and a small amount of Mr Sheen. Polish gently. Stainless Steel doors can be cleaned with a metal cleaner that can be used on Stainless Steel.
Please note: Stains or imperfections on plated finishes are not covered under warranty.

Caution: **Do not use abrasive materials or chemical cleaners as they will harm the gold and chrome plated finish and void the warranty.**
Clean any fingerprints off before turning the unit on.

GLASS CLEANING

After some period of operating time, due to normal condensation build up, which occurs every time the heater is lit, some water marks and other stains may appear on the inside surface of the glass. To clean the door glass follow the sequence on Page 9 and Page 10 - Log Installation to open the main door. To polish the glass and remove the haze we suggest a moist cloth or car cut and polish. This is not covered under warranty. Do not use abrasive or caustic solutions to clean the main door glass. Please note: Stains or imperfections on the door glass are not covered under warranty.

Caution: **Do not attempt to remove side panels unless main power is switched off.**

Do not attempt to open the main door of the heater and clean the door glass whilst the heater and the glass are hot.

GLASS REPLACEMENT

Your Archer Gas Log Space Heater is supplied with a high temperature 5mm Neoceramic safety glass that will withstand the highest heat that your unit will produce.

In the event that you break your glass by impact, purchase your replacement from an authorised Archer dealer only.

⚠ CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURE AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION. YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE. ALWAYS ENSURE THAT YOUR SAFETY SCREEN SUPPLIED WITH THE HEATER IS FITTED TO THE MAIN FRONT DOOR OF THE HEATER.

⚠ ANY SAFETY SCREEN OR GUARD REMOVED FOR SERVICEING THE APPLIANCE MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.

⚠ CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE

COMPLETE UNIT WARRANTY

DESCRIPTION	WARRANTY PERIOD	(FROM DATE OF PURCHASE)
Heat Exchanger	5 Years Parts/1 Year Labour	
Main Convection Fan	2 Years Parts/1 Year Labour	
All Other Parts	1 Year Parts/1 Year Labour	

AURORA WARRANTY PROGRAM
To qualify for the Aurora Warranty Program, you need to fill out the warranty registration form, and have your qualified installer fill out the Installation Commissioning Report. Both documents must be returned promptly to Aurora Climate Systems.
Please note, that Aurora Climate Systems will not accept responsibility for faults with the appliance caused through installation faults. We therefore strongly recommend that you return to Aurora Climate Systems the Installation Commissioning Report and obtain a Certificate of Compliance from your qualified installer for your protection. Failure to do so can void your warranty.

It is the policy of Aurora that should a fault develop in the Archer Gas Log Space Heater during its warranty period, Aurora will at its own option either fix or repair the appliance in accordance with its present warranty policy. Also the policy of Aurora Climate Systems is if this Archer Gas Log Space Heater is found to be defective in materials or workmanship, Aurora Climate Systems will repair or replace such defects in the Archer Gas Log Space Heater at Aurora's option in accordance with Aurora's warranty policy.

WARRANTY ON REPLACEMENT PARTS:
Parts replaced under warranty are warranted for the balance of their original warranty period.

DESIGNATION OF WARANTOR:
This warranty is extended by Aurora Climate Systems with respect to the Archer Gas Log Space Heater as described here, while only in the possession of the original purchaser.

PRODUCT:
This Archer Gas Log Space Heater is comprised of the heater proper (including steel components and heat exchanger), fan assembly, electronic components and moving parts. Except where specifically excluded from coverage hereunder, this warranty covers all components designated. See Conditions, Exclusions and Qualifications below for further information on product coverage.

CONDITIONS, EXCLUSIONS AND QUALIFICATIONS:
Repair and replacement work will be carried out by the approved Service Agent of Aurora on the basis shown above, subject to proof of purchase and purchase date. Aurora will only accept claims under this warranty in strict accordance with the conditions set out below.

1. Cost of travelling by service personnel in excess of 25km each way will apply if Aurora's approved service agent is situated more than 25km from the installation. In such circumstances, Aurora is not obligated to cover any additional travel or labour charges incurred by the service agent and such costs will need to be charged to the customer.

2. The cost of transporting the Archer Gas Log Space Heater and parts between the nearest Aurora dealer or service agent and its normal location and where is it necessary for the product to be returned to the manufacturer and then returned back to the customer, these costs will be met by the customer.

3. The cost of work or a service call where there is no fault with the heater, but where the defective operation or fault in the heater is due to incorrect plumbing/ electrical installation not in accordance with Aurora's installation instructions and/or applicable local regulations, or where defects are caused by incorrect application, lack of operating knowledge, abuse of the appliance or abuse of the appliance or damage caused by the installer, or other persons attempting to install or repair the heater.

4. In such cases, where Aurora Service Personnel attendance is required to correct faults in the product which are not directly related to product and/or parts failure but are the result of improper installation and lack of operating \knowledge of the appliance, Aurora Climate Systems will charge the purchaser of the appliance a fee calculated on the basis of an $80.00 call out fee plus the labour rate of $60.00 per hour, as well as travelling expenses in excess of 25km each way to rectify such faults.

5. Aurora expressly excludes any liability hereunder for defects or damaged caused by the installation on or of any components not expressly authorised and approved by Aurora.

CONDITIONS, EXCLUSIONS AND QUALIFICATIONS cont...

6. Aurora further assumes no liability for defects or damage caused by incorrect operating or performance of the appliance caused by any modification or incorrect installation. Unauthorised components or installation modifications could create a fire hazard by altering the safety design of the Gas Log Space Heater.

Flue Installation

7. Aurora Climate Systems shall not be liable for incorrect flue installations causing appliance failure due to incorrect flue installations and length, number of bends, water traps in flue system.

Sooting

8. Aurora Climate Systems shall not liable for sooting up of firebox and heat exchanger which are caused by fault flue installation, incorrect operation of heater, flue pipe blockages, incorrect gas pressure setting and gas supply or worn or damaged door seals and incorrect ceramic log placement.

Flame Pattern

9. Aurora Climate Systems shall not be liable and accepts no responsibilities on changes in flame patterns in the appliance which can vary according to flue type, flue length and gas type used.

10. Consequential or incidental damages for the breach of any warranty whether express or implied, including, but not limited to extra utility expenses or losses to persons to property arising from failure of this appliance to operate for any reason whatsoever are excluded.

Odours, Sounds and Rattles

11. Aurora Climate Systems shall not be liable and accepts no responsibilities on odours, sounds and rattles from the appliance. If the customer requires a technician on site for these purposes, this expense will be met by the customer.

Remote Control Thermostat

12. Aurora Climate Systems is not the manufacturer of any Remote Control Thermostat. Aurora Climate Systems shall not be liable and accepts no responsibilities on the function of such items. If problems arise with such units they can be returned to Aurora Climate Systems for inspection or functionality check. Freight or postage both ways is to be paid by the owner. If Aurora finds a fault with the device they will repair or replace it under the normal warranty terms (1 Year). It must also be a recommended device by Aurora Climate Systems.

Building Codes

13. Since building code requirements vary users of this Gas Log Space Heater should determine in advance, whether there are many building code restrictions on the installation or use of the Gas Log Space Heater. Aurora takes no representation of warranty regarding building code compliance and shall not be responsible for compliance therewith.

14. This warranty applies only to units purchased from an authorised dealer and the duration of this implied warranty, including merchantability, applicable to this Archer Gas Log Space Heater is limited to the duration of the foregoing warranty. No other person is authorised to provide a warranty greater than this undertaking given by ourselves.

15. Before Aurora Climate Systems will recognise or accept a claim under this warranty, you must provide proof of purchase to Aurora on installation of your Gas Log Space Heater and despatch your signed Warranty Registration Form to Aurora Climate Systems.

16. This warranty does not apply to, and Aurora assumes no responsibility for any damages that result due to installation or operation of the gas log fire, not in accordance with both the installation and operation instructions furnished with the unit.

17. This warranty does not apply to any gas log fire, which has been modified or damaged in shipping or by improper handling, improper operation, abuse, misuse, accident or unworkmanlike repairs.

18. This warranty applies only to units purchased from an authorised dealer and the duration of this implied warrant, including merchantability, applicable to this Archer Gas Log Space Heater is limited to the duration of the foregoing warranty.

19. Before Aurora Climate Systems will recognise or accept a claim under this warranty you must provide proof of purchase to Aurora. On purchase of the gas log space heater despatch your warranty card to Aurora Climate Systems.

THIS WARRANTY DOES NOT APPLY TO THE FOLLOWING:

1. Breakage of glass components, door glass imperfections, (i.e. glazing, breakage or discolouring.

2. Corrosion, chips, scratches, blistering, fading, paint, metal finish imperfections or rusting due to the exposure of the appliance to man made or adverse natural atmospheric conditions or poor handling by the freight company, the installer or the customer.

3. Normal wear and tear items such as routine surface maintenance , door ropes and seals or imperfections or discolouring on gold or chrome plated finishes.

4. Actions or negligence of the retailer, installer or service of appliance that result in damages and losses of any kind including those due to inadequate sizing of the appliance to the area, heat distribution and power and gas supply.

5. Components or other accessories not compatible with the appliance.

6. Acts of God.

7. Installation outside Australia.

8. Failure to comply with servicing requirements as per owners and installation manuals.

9. Relocation from the place originally installed.

10. Panels not installed correctly and flue kits wrongly installed causing odours, sounds and rattles.

11. Sooting up of heater.
    Note: For heaters operating on LPG to avoid sooting up of heater LPG bottle must not be run empty. For best practice LPG bottles should be refilled after 75% of fuel has been used to avoid sooting up of heater.

12. Product Servicing.
    Note: Under no circumstances should the appliance be installed under conditions, which would not allow for easy removal of the appliance to carry out routine inspection and/or service to the appliance. Where service work or routine inspection can not be carried out by service personnel due to incorrect installation of the appliance a charge will be applicable to the customer for work to be carried out to correct installation faults.

13. Freight.
    Note: Aurora accepts no responsibility and shall not be liable for any damage caused in transportation or freight to the appliance that results in losses of any kind.

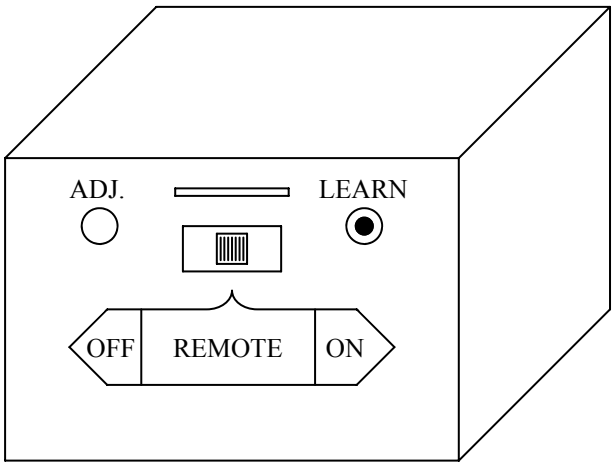
14. Hot Surface Igniters.
    Mechanical or accidental breakage of the H.S.I is not covered under warranty.

15. Customer Service Charges.
    We wish to advise that should the Archer Gas Log Space Heater develops a fault in its operation because the product has not been installed in accordance with the manufacturer's guidelines and instructions, or lack of operating knowledge of the appliance by the customer causing the appliance failure, then a service charge will apply.

FREQUENTLY ASKED QUESTIONS

1. Front burner is lighting with the red button only. The rear burner isn't starting.
(heaters fitted with remote control or wall thermostats)

This usually means the remote or wall thermostat has not been switched to the "ON" position or the receiver box inside the heater behind the front panel needs to be re-learnt. This is done by removing the front panel and then locating the back receiver box as shown below.



Then with the remote or wall thermostat in the "OFF" position gently press and hold the learn button for approximately 5 seconds, then let it go. A small tone should be heard during this process. Now replace the front panel ensuring no wires are pinched or disconnected. Turn the two burner switches to the "ON" position and make sure the red button is in the "OFF" position (not illuminated). Turn the remote or wall thermostat to the "ON" position. After a short delay both burner LED's will start blinking and the heater will ignite on both burners after approximately 50 seconds.

Important

** There must be power to the heater for the learn process to occur.
** The switch on the receiver must be in the remote position for the learn process to occur.
** The burner switches and the red button must all be in the "OFF" position.
** When removing or replacing the front panel ensure no wires are disconnected, broken or pinched (refer page).
** You will need some sort of pointy object to press the learn button on the receiver box. ie. Ballpoint pen or paperclip

2. Front burner stays on all the time.
(heaters fitted with remote control or wall thermostats)

This will happen when the red button above the two burner switches is in the "ON" position (illuminated). The burner switches themselves are also in the "ON" position but the remote or wall thermostat says off on the screen. You must always turn the red button to the "OFF" position if you don't want the front burner to remain on (refer page).

3. There is a beeping noise coming from the heater.
(heaters fitted with remote control or wall thermostats)

This usually occurs if the signal has been lost from the remote, some interference has occurred with the remote receiver or the receiver in the heater is getting to warm. If the signal has been lost it is recommended that the heater be reset and the receiver box inside the heater be re-learnt.

4. Is the heater polarity conscious?

Yes. Failure to have correct polarities in the power point or power cord will result in the heater not operating correctly. Ie. One burner will light then go out straight away.

FREQUENTLY ASKED QUESTIONS cont'd

5. There is a hissing noise coming from the heater. Is this normal?
This is a normal occurrence when the humidifier activates and will vary in timing and intensity.

6. There is condensate on the inside of the glass. Is this normal?
Yes this is quite common especially from a cold start but will dissipate after a period of time.

7. The humidifier isn't working. The hissing noise has not been heard for quite some time?
If the humidifier was faulty the heater would cease to operate. The amount of times the humidifier will come on during operation of the heater will vary during the year due to things like ambient temperature, humidity, flue type, flue length and whether the heater is running on low medium or high.

8. How do you clean the inside of the glass?
We have found that the best results are achieved with car cut and polish.

9. How do you clean the glass on the outside if something has burnt to it?
Best results are achieved by using the edge of a blade or a glass scraper. Once the burnt material is removed you can then clean the glass with car cut and polish.

10. Fan keeps jumping between low and medium or medium and high speed. Is this normal?
Yes. It is even more common when running burners individually. The fan speed is automatically controlled by a thermal resistor which is sensitive to firebox and ambient temperatures.

11. Glass is going black. Is this normal?
No. If the glass has sooted up that you start having difficulty seeing through it this is not normal. Nor is having large build up of soot forming on the logs. Please note: It is normal for some soot to form around the lower and side edges of the glass.

12. There is a flame on the front burner but only a glow on the back burner. Is this normal?
Yes. Predominantly this is correct but there may be slight variations in flame patterns due to gas type, flue length and flue type. Also gas pressure settings will affect flame patterns and the amount of glow.

13. Can you select a fan speed?
No. The fan is fully automated and controlled by firebox temperature only.

14. Can the heater sit directly on carpet?
Yes. The heater is tested and approved as a zero clearance unit to combustibles on the base, sides, top and rear.

15. The heater is giving off strange odours. Is this normal?
Yes. This can occur from the environment that the heater is in. The firebox in the heater is a sealed unit and sucks air in for combustion and expels odour out of the flue. However, internal convection air is taken from the room or environment the heater is sitting in and circulated over the outside of the firebox. Ie. Cooking smells, dirty/damp clothing, or pet smells can be sucked in and stores in fine fins at the rear of the heater, then heated back up and amplified into the room via the convection fan.

16. If the paintwork on the heater is damaged or scratched, can I purchase touch up paint?
Yes. Aerosol cans are available with the colour from your place of purchase of the heater or direct from Aurora Climate Systems.

NOTES

ATTENTION

APPLIANCE

INSTALLER

PLEASE RETURN THESE
OPERATING & INSTALLATION
INSTRUCTIONS
TO THE CONSUMER
(FOR FUTURE REFERENCE)

DATE OF PURCHASE

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